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# Water Supply Outlook For Utah



SOIL CONSERVATION SERVICE  
U.S. DEPARTMENT OF AGRICULTURE

Cooperating with

UTAH STATE DEPARTMENT of NATURAL RESOURCES

AS OF  
MAR. 1, 1980

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*COVER PHOTO: THE SNOTEL PROJECT CENTRAL COMPUTER FACILITIES IN PORTLAND, OREGON. THE TERMINAL, PRINTER, COMPUTER AND TAPE DRIVES HAVE NOT COMPLETELY REPLACED THE SNOW SAMPLING TUBES SEEN IN THE FOREGROUND.*

## PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W, Calgary, Alberta T3C 1A6.





# **WATER SUPPLY OUTLOOK FOR UTAH**

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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# PROSPECTIVE WATER SUPPLIES

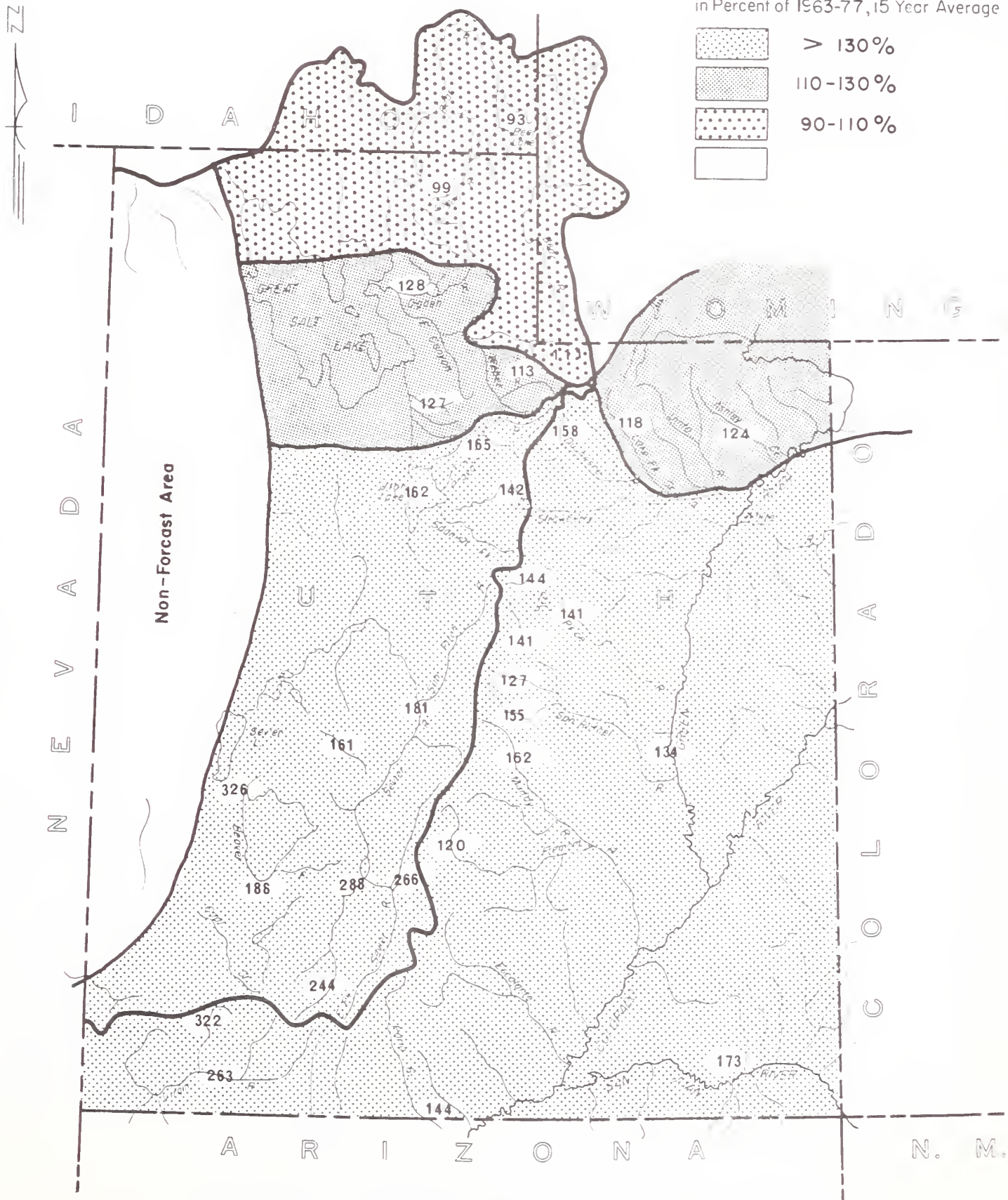
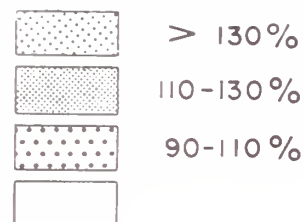
Based on Snow Surveys Made on  
UTAH and BEAR RIVER WATERSHEDS

March 1, 1980

Approximate Date



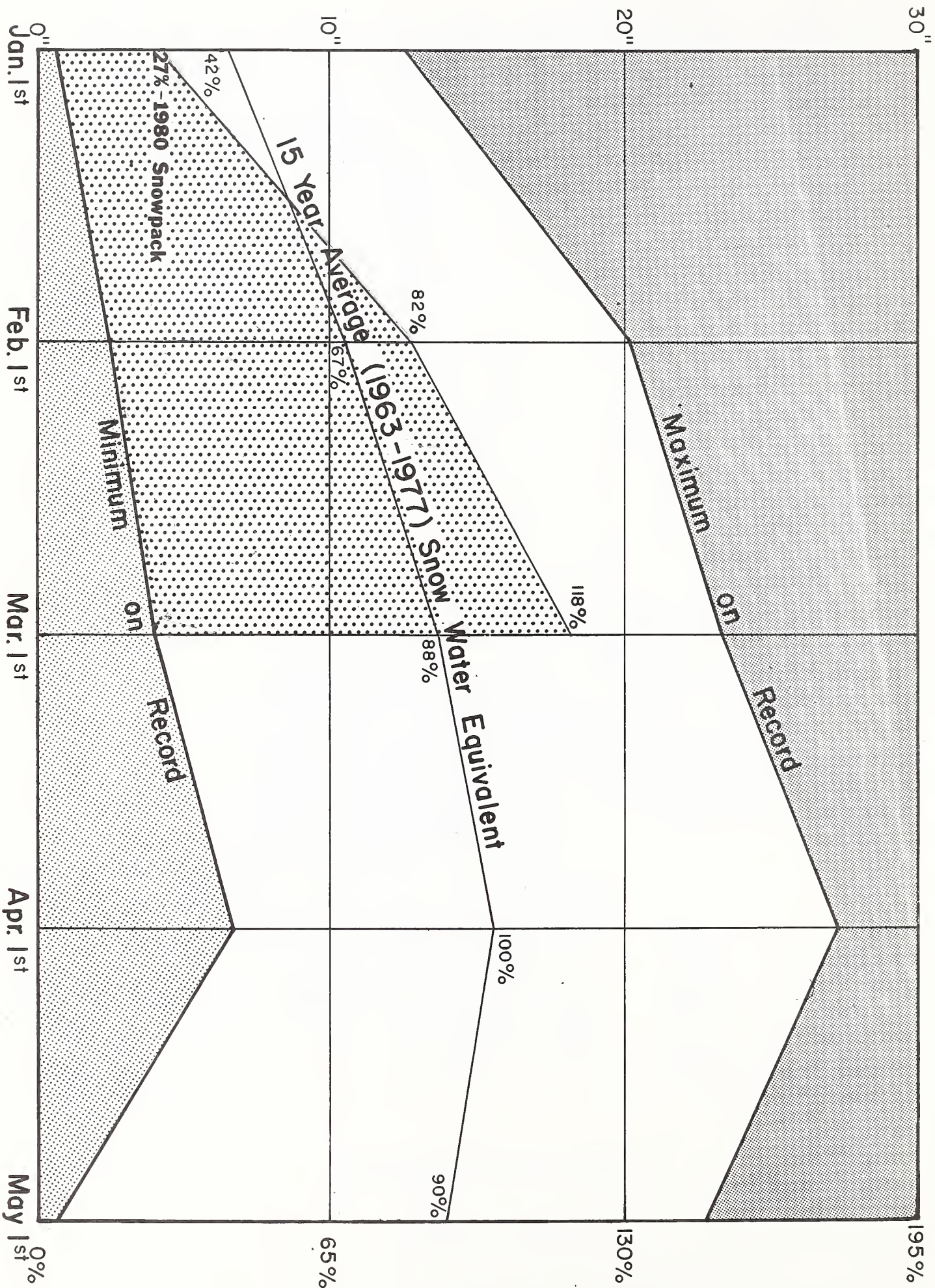
FORECAST STREAM FLOW  
in Percent of 1963-77, 15 Year Average





# UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



INCHES OF SNOW WATER EQUIVALENT

PERCENT OF APRIL 1<sup>st</sup> SNOW WATER EQUIVALENT





# WATER SUPPLY OUTLOOK

as of  
March 1, 1980

\* \* \* \* \*  
\* Utah's 1980 water supply outlook ranges from \*  
\* near average in the north to much above average \*  
\* in the south. Snow cover ranges from near average \*  
\* in the north to better than twice average in the \*  
\* south. Reservoir storage is near average state- \*  
\* wide and streamflow forecasts range from near \*  
\* average in the north to two and three times average \*  
\* in the south. \*  
\* \* \* \* \*

## SNOW COVER

Snow cover improved again this month in all areas except Bear River. Bear River snow cover is 109% of the March 1 average.

Southern Utah snow cover is very heavy again this year with Blue Mountains above Monticello 224% of average, Virgin River 192%, Coal Creek 198%, Upper Sevier 177%, and the Enterprise area 221% of average.

Uintah Basin snow cover improved again this month and now varies from 159% on Strawberry River to 181% on both Ashley and Lakefork Creeks.

Ogden River snow pack is now 140% of average, Weber River 132%, and Provo-Utah Lake 146% of average.

Price River snow cover is 141% of average, San Rafael River 146%, Muddy 164%, and Fremont 143% of average. LaSal Mountains are 168% of the March 1 average snow cover.

## PRECIPITATION

Precipitation at mountain stations during February ranged from 92% of average at Garden City Summit on the Bear River to 414% at Duck Creek R.S. on the Upper Sevier.

## SOIL MOISTURE

February rains in most of Utah's lower elevations primed soils in the valleys but watershed soils under the higher snow pack is still mostly below average.

## RESERVOIR STORAGE

Reservoir storage in 25 of Utah's key irrigation reservoirs now totals 103% on the March 1 average and 6% better than a year ago. Uintah Basin

## WATER SUPPLY OUTLOOK (continued)

reservoirs, Moon Lake and Steinaker are below average but should improve as the spring snow melt runoff progresses.

### STREAMFLOW FORECASTS

Streamflow forecasts for the spring runoff season range from 88% of average for Woodruff Creek on Bear River to 326% of average for Minersville Reservoir Inflow on the Lower Beaver River. Forecasts generally range from near average in the northern part of the state to two to three times average in southern Utah.

Bear River is forecast 111% at Stateline, 112% at Woodruff, 105% at Randolph, and 95% at Harer, Idaho. Logan River is forecast 99%, Blacksmith Fork 102%, and Little Bear 105%.

Ogden River is forecast 114% on the South Fork and 128% for Pineview Inflow.

Weber River forecasts range from 108% for Chalk Creek to 129% for Lost Creek. The forecast at Oakley is 113% of the April-June average and Rockport Inflow is 121%. East Canyon Creek is forecast 123%.

Streams into Utah Lake and Jordan River are forecast as follows: Provo 165% at Deer Creek Dam, Utah Lake 162%, Spanish Fork 174%, American Fork 167% and streams along the Salt Lake Front range from 114% for Little Cottonwood to 139% for City Creek.

Price River is forecast 144% at Scofield, and 141% at Heiner. Huntington Creek is forecast 141%, Cottonwood 127%, Ferron 155%, Muddy 162% and Seven Mile Creek 120%. Mill Creek is forecast 196% near Moab.

Sevier River forecasts range from 297% at Circleville to 181% at Gunnison. Sevier at Hatch is forecast 244%, Kingston 288% and the East Fork 266%.

Beaver River is forecast 188% at Beaver and 326% for Minersville Inflow.

Virgin River is forecast 263% at Hurricane and the Santa Clara 322% near Pine Valley. Coal Creek is forecast 156% of average.

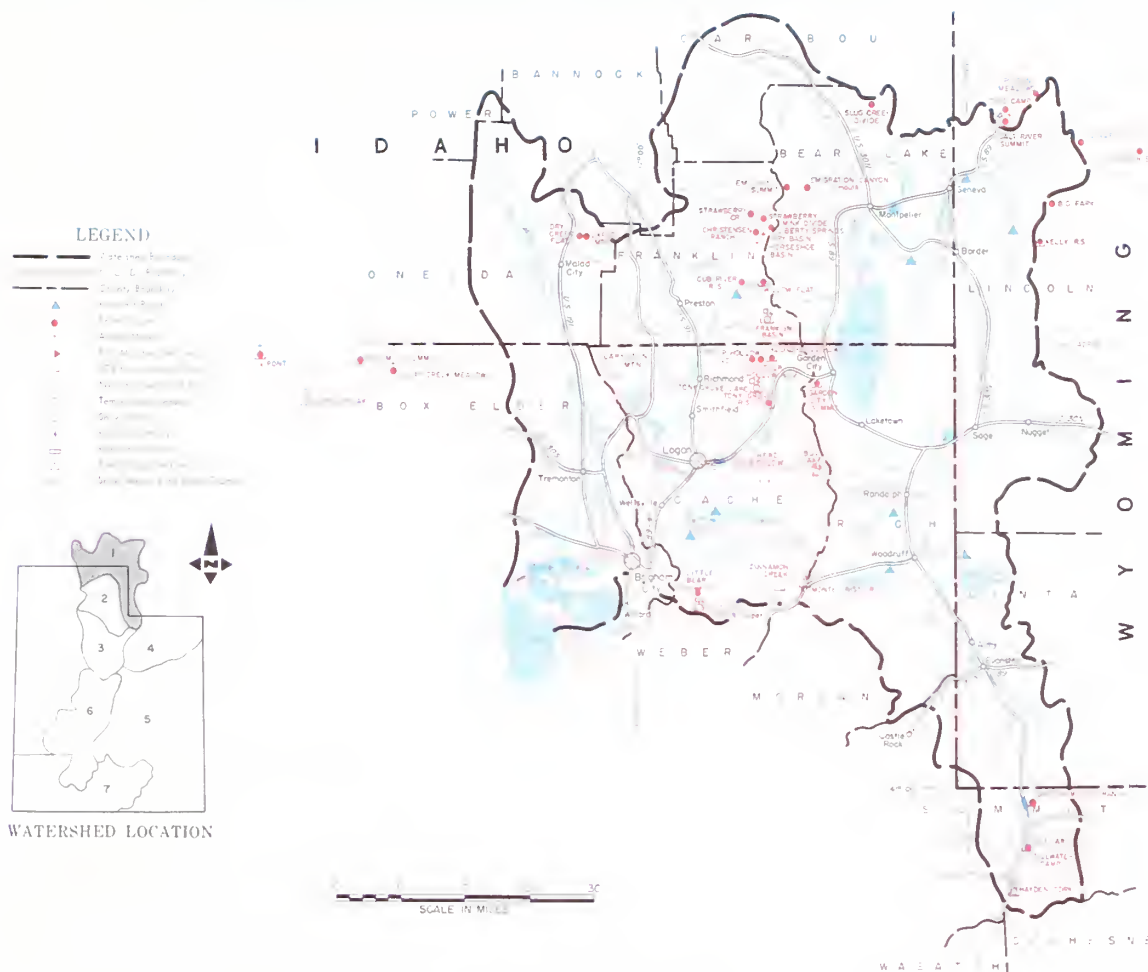
Uintah Basin streams are forecast 124% for Ashley Creek, 107% for White-rocks, 125% for Uintah River, 118% for Lakefork, 154% for Rock Creek, 151% for Duchesne at Tabiona, 186% for Strawberry River and 145% for Current Creek. Strawberry Reservoir Inflow is forecast 142% of the April-July average.

Higher than average peak flows are expected in southern Utah. Precautions should be taken to safeguard property close to stream channels in this area.

# WATER SUPPLY OUTLOOK

## BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



March 1, 1980

### THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER did not improve as much as expected and now varies from 108% on the Lower Bear to 112% on the Upper Bear.

PRECIPITATION at mountain stations ranged from 92% of average at Garden City Summit to 145% at Willow Flat.

SOIL MOISTURE is drier than average under the snow pack but near to above average in the valley.

RESERVOIR STORAGE is slightly below average but should be adequate by the end of spring runoff.

STREAMFLOW FORECASTS range from 88% of the April-July average on Woodruff Creek to 112% for the Bear near Woodruff. Bear at Stateline is 111% and 95% at Harer, Idaho. Logan River is forecast 99%. Most water users are expected to have adequate water this season and peak flows should not be a problem.



**BEAR RIVER BASIN in UTAH**

**STREAMFLOW FORECASTS**

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD		
	BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
		Thousand Acre Feet	Percent of Average		Last Year	Average †
BEAR RIVER						
Bear nr UT-Wyo. State Line	127	111	Apr-July	90	114	
Bear nr Woodruff	166	112	Apr-July	68	148	
Woodruff Crk nr Woodruff, UT	16.1	88	Apr-July	16.4	18.4b	
Big Creek nr Randolph, Utah	4.0	95	Apr-July	--	5.0b	
Bear nr Randolph	126	105	Apr-July	40	120	
Thomas Fork nr UT-Wy State Ln	37	106	Apr-Sept	--	35	
Smith's Fork nr Border, Wyo.	123	102	Apr-Sept	--	120	
Bear at Harer, Idaho 1/	314	95	Apr-Sept	--	332	
Logan nr Logan 1	117	99	Apr-July	92	118	
Blacksmith Fork nr Hyrum	55	102	Apr-July	40	54	
Little Bear nr Paradise	40	105	Apr-June	27	38	
Cub River nr Preston, ID	50	100	Apr-Sept	--	50	
1 - Observed flow corrected for change in storage and diversions						
2 - Provisional flows - Subject to correction						
b - Average of all past record - less than 15 years						

1 - Observed flow corrected for change in storage and diversions  
 2 - Provisional flows - Subject to correction  
 b - Average of all past record - less than 15 years

**SUMMARY of SNOW MEASUREMENTS** (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
BEAR RIVER	18	96	109
UPPER BEAR RIVER	4	104	112
LOWER BEAR RIVER	14	95	108
LOGAN RIVER	7	108	108
UPPER RAFT RIVER	5	105	96

**RESERVOIR STORAGE (Thousand Acre Feet)**

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
<b>BEAR RIVER</b>	Bear Lake	1421.0	1007.9	1025.1	1030.6
	Woodruff Narrows	26.5		17.6	20.5
<b>LITTLE BEAR</b>	Hyrum	15.3	10.3	10.2	10.9
	Porcupine	11.3	2.8	4.3	3.6

+ - 1963-77 15 year Average Period  
 e - estimated

**PEAK FLOWS**

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Bear River nr UT/WY Stateline	1600-2200	1600
Big Creek nr Randolph	50-80	44
Logan River nr Logan	800-1200	1016
Woodruff Creek nr Woodruff	200-300	267
Little Bear nr Paradise	430-700	517

**SNOW**

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Burts-Miller Ranch	2/27	29	8.6	5.4	--
Cub River R.S.	2/26	25	8.7	11.5	8.4
Emigrant Summit	2/27	72	22.8	23.3	21.7
Franklin Basin	2/26	68	23.3	22.8	22.7
Hayden Fork	2/26	61	18.0	14.0	12.7a
Klondike Narrows	2/26	62	19.6	18.5	17.3

**SNOW**

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Little Bear Lower	2/25	29	8.5	12.6	9.2
Little Bear Upper	2/25	39	10.6	15.1	10.9
Monte Cristo	2/25	73	24.9	22.7e	22.0
Salt River Summit	2/28	42	13.8	15.4	14.4
Stillwater Camp	2/27	51	13.7	9.9	--
Tony Grove R.S.	2/25	38	10.9	14.9	10.9

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SNOW COVER is now 140% of the March 1 average on the Ogden and 132% on the Weber after better than average increases during February.

SOIL MOISTURE is very good in the valley, improved at medium elevations but still drier than average under the high snow pack.

RESERVOIR STORAGE in Pineview is 147% of average and about 153% of last year on February 1. Weber River Reservoir storage now totals 118% average and about the same as last year at this time.

STREAMFLOW FORECASTS range from 108% for Chalk Creek to 129% for Lost Creek. Pineview Inflow is forecast 128% of the April-June average and South Fork Ogden 114%. Weber River is forecast 113% at Oakley, 121% for Rockport Inflow, 112% for Echo Inflow, and East Canyon 123%. Mean daily peak flows are expected to be 700-1,000 cubic feet per second on the S. Fork Ogden, 325-450 cfs on Lost Creek, and 500-800 cfs on Chalk Creek and assuming normal precipitation during the melt period are not expected to cause many problems. Average or better water supplies are expected for all water users in this area.

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
WEBER-OGDEN RIVERS					
Weber nr Oakley	118	113	Apr-June	82	104
Rockport Reservoir Inflow	135	121	Apr-June	60	112
Chalk Creek at Coalville	42	108	Apr-June	13.5	39
Weber nr Coalville	139	113	Apr-June	49	123
Echo Res. Inflow	179	112	Apr-June		160
Lost Creek nr Croydon, Utah	23	129	Apr-June	15.5	17.4b
East Canyon Creek nr Morgan	32	123	Apr-June	20	26
Hardscrabble Crk nr Porterville	21	110	Apr-June	--	18.8
South Fork Ogden nr Huntsville	65	114	Apr-June	59	57
Pineview Reservoir Inflow	147	128	Apr-June	124	115
Weber at Gateway	371	120	Apr-June	162	308

JORDAN RIVER & SALT LAKE

Farmington Crk nr Farmington	9.8	121	Apr-July	--	8.1b
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- 1 - Observed flow corrected for change in storage and diversions  
 2 - Inflow record as computed by U.S. Bureau of Reclamation  
 3 - Provisional flows - Subject to Correction  
 b - Average of all past record - less than 15 years

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
OGDEN	Causey	6.9	3.1	1.7	2.0b
	Pineview	110.1	73.5	48.0	49.9
WEBER	East Canyon	48.1	33.2	38.2	28.3
	Echo	73.9	52.7	66.1	51.7
	Lost Creek	20.0	14.0	15.0	13.2b
	Rockport	60.9	24.1	27.9	32.8
	Willard Bay	193.3	184.1	163.8	135.1

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD	
				Last Year	Average †
Beaver Creek R.S.	2/26	40	12.2	8.5	7.5
Beaver Creek-Skunk Creek	2/25	39	14.5	15.5	10.8
Ben Lomond Peak	2/25	120	44.4	38.4	29.1
Ben Lomond Trail	2/25	60	20.0	25.2	15.7b
Chalk Creek #1	2/27	81	24.6	17.6	18.0
Chalk Creek #2	2/27	59	16.1	12.0	12.2
Dry Bread Pond	2/25	65	21.6	18.6	16.0

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
OGDEN RIVER	5	103	140
WEBER RIVER	12	125	132

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
South Fork Ogden nr Huntsville	700-1000	772
Chalk Creek nr Coalville	500-800	569
Lost Creek nr Croydon	325-450	206b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD	
				Last Year	Average †
Horse Ridge	2/25	68	21.8	23.9	18.2b
Lost Creek Reservoir				9.3	4.9b
Monte Cristo	2/25	73	24.9	22.7e	22.0
Parleys Canyon Summit	2/28	62	17.1	17.5	16.1
Sagebrush Flat	2/25	19	6.7	6.7	5.0
Smith & Morehouse	2/27	51	15.5	12.2	11.4
Trial Lake	2/26	100	30.4	22.3	20.0

e - estimated

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UTAH STATE DEPARTMENT OF NATURAL RESOURCES



SNOW COVER ranges from average in Tooele Valley to 146% of average on the Provo-Utah Lake Watershed.

PRECIPITATION at mountain stations varied from 139% of the February average at Soapstone to 257% at Timpanogos Divide.

SOIL MOISTURE is below average at higher elevations but above average in the valley.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 114% for Little Cottonwood to 174% for Spanish Fork at Thistle. All water users are expected to have average or better than average water supplies this season.

# UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone <sup>1</sup>	168	164	Apr-July	--	109
Provo below Deer Creek Dam <sup>1</sup>	198	165	Apr-July	--	122
American Fork nr American Fork	51	167	Apr-July	--	31
Hobble Creek nr Springville <sup>1</sup>	30	170	Apr-July	--	19.7b
Strawberry Reservoir Inflow <sup>1</sup>	74	142	Apr-July	--	52
Spanish Fork at Thistle	68	174	Apr-July	--	39b
Payson Creek nr Payson	7.0	111	Apr-July	--	6.3
Utah Lake Inflow	395	162	Apr-July	--	244
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	43	114	Apr-July	--	38
Big Cottonwood nr SLC	45	120	Apr-July	30	38
Parley's Creek nr SLC	19.0	127	Apr-July	--	15.4
Mill Creek nr SLC	8.2	130	Apr-July	--	8.8
Emigration Creek nr SLC	5.9	135	Apr-July	--	4.9
City Creek nr SLC	11.1	139	Apr-July	--	10.7
TOOELE VALLEY					
Vernon Creek nr Vernon	1.3	130	Mar-July	--	1.0
Settlement Crk nr Tooele	--	--	Apr-July	--	--

## RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SPANISH FORK	Strawberry	270.0	164.3	164.3	153.7
UTAH LAKE	Utah Lake	883.9	820.0	844.2	719.8
	Settlement Creek	1.2	0.6	0.7	--
	Vernon Creek	0.6	0.6	0.6	--
PROVO	Deer Creek	149.7	109.9	82.8	106.6

## SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PROVO RIVER & UTAH LAKE	13	115	146
JORDAN RIVER & SALT LAKE	2	117	132
TOOELE VALLEY	2	76	100

1 - Observed flow corrected for change in storage and diversions  
 2 - Provisional flows - Subject to correction  
 a - Partly estimated

## PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Hobble Creek nr Springville	200-325	--
Spanish Fork nr Thistle	700-850	--
Big Cottonwood nr Salt Lake City	400-550	--
Emigration Creek nr Salt Lake City	50-70	--
City Creek nr Salt Lake City	80-100	--
Provo nr Hailstone	2400-3200	--

## SNOW

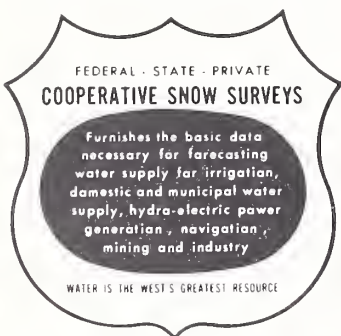
DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
Bevans Cabin	--	--	--	--	--
Camp Altamont	2/27	67	23.4	21.8	13.4
Clear Creek #1	2/27	72	21.8	18.2e	15.6
Clear Creek #2	2/27	58	14.0	14.6	11.8
Clear Creek #3	2/27	29	8.9	10.9	6.9
Daniels-Strawberry Summit	2/27	67	19.9	16.0	12.3
Deseret Peak	Not scheduled				
Dutchman R.S.	2/28	81	28.2	20.8	14.4
Hobble Creek Summit	2/27	60	17.0	15.6	12.3
Lambs Canyon #2	2/28	52	16.1	15.0	--
Middle Canyon	2/27	33	10.4	14.8	12.1
Mill Creek	2/28	54	16.4	15.8	--

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD	
				Last Year	Average †
Mill D South Fork	2/29	57	17.4	17.3	17.1
Parleys Canyon Summit	2/28	61	17.1	17.5	16.1
Payson R.S.	2/27	62	18.4	15.2	16.5b
Rocky Basin-Settlement Canyon	Not scheduled				
Silver Lake Brighton	2/29	95	31.1	24.2	19.6
Soapstone R.S.	2/26	56	16.0	12.3	11.1
South Fork R.S.	2/28	22	7.2	10.4	6.1
Timpanogos Divide	2/27	100	35.2	27.2	21.5
Trial Lake	2/26	100	30.4	22.3	20.0
Vernon Creek	2/28	40	11.0	13.2	9.3a

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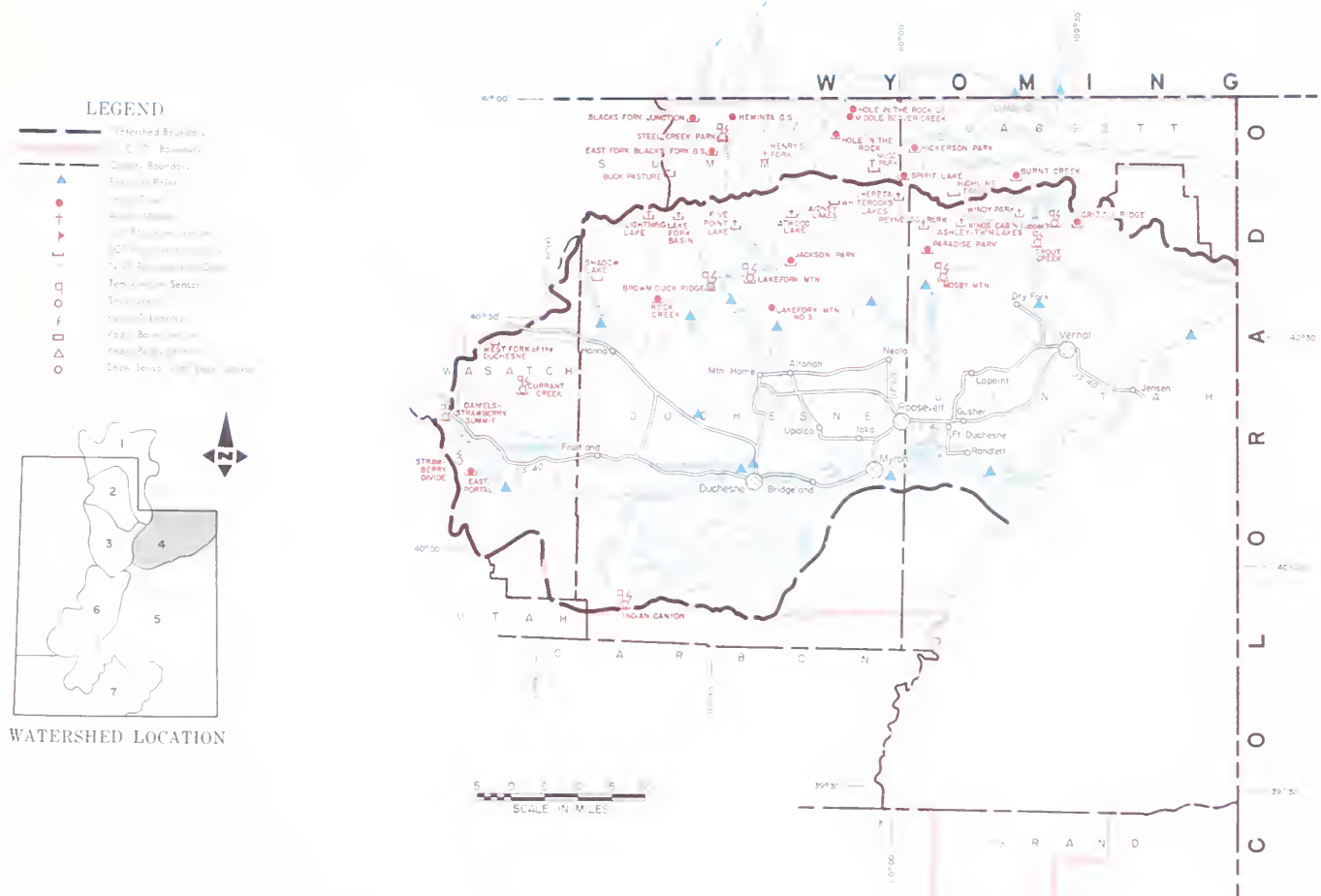
# FIRST CLASS MAIL

*"The Conservation of Water begins with the Snow Survey"*

# WATER SUPPLY OUTLOOK

## UINTAH BASIN and DAGGETT SCD's in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



March 1, 1980

THE WATER SUPPLY OUTLOOK RANGES FROM NEAR AVERAGE TO ABOVE AVERAGE

**SNOW COVER** improved 9 to 40% with Ashley and Lakefork-Yellowstone Creeks now 181% of the March 1 average. Strawberry River is now 159%, Uintah-Whiterocks 166% and Black Fork 154% of average.

**PRECIPITATION** at mountain stations ranged from 188% of average at Rock Creek Ranch to 290% at Indian Canyon.

**SOIL MOISTURE** is generally below average under the snow pack but improved at valley locations.

**RESERVOIR STORAGE** is still below average in Moon Lake and Steinaker but a little better than last year at this time.

**STREAMFLOW FORECASTS** range from 107% of the April-July average for Whiterocks River to about twice average for the Duchesne at Myton. Water supplies are expected to be near to above average for those on natural streamflow. Reservoir water users may have a reduced supply if reservoirs do not fill.



# UINTAH BASIN and DAGGETT SCD's in UTAH

## STREAMFLOW FORECASTS

STREAMFLOW FORECASTS		THIS YEAR		PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
DUCHESNE RIVER					
Duchesne nr Tabiona <sup>1</sup>	162	151	Apr-July	--	107
Duchesne at Duchesne <sup>1</sup>	291	151	Apr-July	--	193
Strawberry at Duchesne	106	186	Apr-July	--	57
Rock Creek nr Mtn. Home	146	154	Apr-July	--	95
Current Creek nr Fruitland	29	145	Apr-July	--	20
Lakefork below Moon Lake <sup>1</sup>	85	118	Apr-July	55	72
Yellowstone nr Altonah	79	118	Apr-July	48	67
Duchesne at Myton <sup>1</sup>	425	202	Apr-July	--	210
Whiterocks nr Whiterock	64	107	Apr-July	44	60
Uintah nr Neola	111	125	Apr-July	61	89
Duchesne at Randlett <sup>1</sup>	505	190	Apr-July	--	266
West Fork Duchesne at Hanna	41	158	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Linwood	73	135	Apr-Sept	--	54
Black's Fork at Millburne	118	128	Apr-July	--	92
Flaming Gorge Inflow <sup>1</sup>			Apr-July	781	1292
Ashley Creek nr Vernal	63	124	Apr-July	39	51

## SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
DUCHESNE RIVER - TOTAL	10	116	165
LAKEFORK-YELLOWSTONE CREEKS	3	140	181
STRAWBERRY RIVER	3	114	159
UINTAH - WHITEROCKS RIVERS	2	115	166
ASHLEY CREEK	2	138	181
BLACK'S FORK	4	150	154
1 - Observed flow corrected for change in storage and diversions 2 - Provisional flows - Subject to correction			

## RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
ASHLEY CREEK	Steinaker	33.3	15.2	12.3	21.9
GREEN RIVER	Flaming Gorge	3749.0		2501.7	--
LAKE FORK	Moon Lake	35.8	9.0	7.0e	18.3
STRAWBERRY	Starvation	165.3		--	130.0b
UINTAH	Bottle Hollow	11.3		9.5	9.9b

## PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Strawberry at Duchesne	900-1300	656
Ashley Creek nr Vernal	1000-1500	1030

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
Brown Duck Ridge	2/26	82	23.6	18.9	14.1a
Current Creek	2/27	56	16.8	13.5	7.8a
Daniels-Strawberry	2/27	67	19.9	16.0	12.3
Hewinta G.S.	2/27	43	12.1	8.0	7.3
Hickerson Park	2/27	38	10.4	6.2	5.0b
Hole-in-the-Rock	Not Scheduled				
Hole-in-the-Rock G.S.	Not Scheduled				
Jackson Park	2/26	65	18.6	13.1	--
Kings Cabin Upper	2/27	52	14.4	9.6e	8.1

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (inches)	Water Content (inches)	Water Content (inches)	
				Last Year	Average †
Lakefork Mountain	2/26	55	15.5	10.9	9.0
Mosby Mountain	2/26	54	13.9	11.4	7.7
Paradise Park	2/26	56	15.8	14.5	10.2
Rock Creek Ranch	2/26	49	13.5	7.9	--
Spirit Lake	2/27	51	14.7	11.7	9.7
Steel Creek Park	2/27	63	17.3	12.0	12.8b
Strawberry Divide	2/28	71	21.6	21.8	16.5
Trout Creek	2/27	47	13.1	11.2	--
e - estimated					

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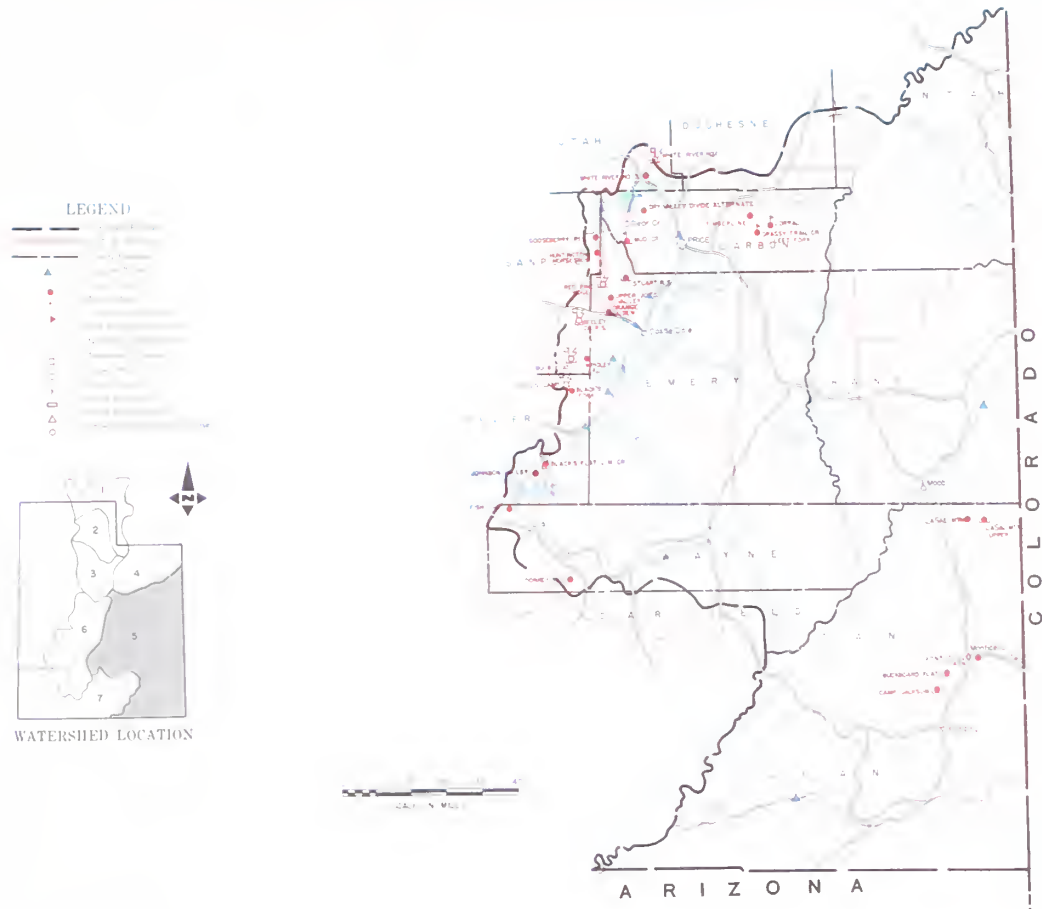
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# WATER SUPPLY OUTLOOK

## CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE  
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



March 1, 1980

### THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER varies from 141% on Price River to 224% on the Blue Mountains above Monticello after above average monthly increases.

PRECIPITATION at mountain stations ranged from 223% of the February average at Buck Flat to 391% at Orange Olsen.

SOIL MOISTURE under the snow pack is still drier than average but lower elevations soils improved during February.

RESERVOIR STORAGE is near to above average.

STREAMFLOW FORECASTS range from 120% of average for Seven Mile Creek to 196% for Mill Creek near Moab. All water users are expected to have adequate water supplies.

## CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

## STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	Forecast	Percent of Average		THOUSAND ACRE FEET	
	Thousand Acre Feet			Last Year	Average †
<b>PRICE RIVER</b>					
Gooseberry Crk nr Scofield	52	144	Apr-July		10.1
Scofield Reservoir Inflow			Apr-July		36
Price nr Heiner			Apr-July		64
<b>SAN RAFAEL RIVER</b>					
Huntington Crk nr Huntington	65	141	Apr-July		49b
Cottonwood Crk nr Orangeville	56	127	Apr-July	40	44b
Ferron Creek nr Ferron	53	155	Apr-July	37	34
<b>MUDDY CREEK</b>					
Muddy Creek nr Emery	27	162	Apr-July	21	16.8
<b>UPPER COLORADO BASIN</b>					
Colorado nr Cisco, Utah	4000	134	Apr-July	4890	2716
Green at Green River, Utah			Apr-July	2986	2975
Mill Creek nr Moab	9.7	196	Apr-July	7.3	5.1b
Navajo Reservoir Inflow			Apr-July		608
San Juan nr Bluff, Utah			Apr-July		865
<b>FREMONT RIVER</b>					
Seven Mile Crk nr Fish Lake	7.7	120	Apr-July		6.4

## SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
PRICE RIVER	3	101	141
SAN RAFAEL RIVER	5	117	146
FREMONT RIVER	3	77	143
LASAL MOUNTAINS	2	103	168
BLUE MOUNTAINS	2	89	224
MUDDY RIVER	1	141	164
1 - Observed flow corrected for change in storage and diversions 2 - Provisional flows - Subject to correction			

## RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
<b>PRICE RIVER</b>	Scofield	65.8		41.0	35.8
<b>SAN RAFAEL</b>	Huntington North	3.9		1.6	3.0b
	Joe's Valley	54.6		38.0	36.9b
	Mill Site	16.7		5.9	--
<b>SAN JUAN</b>	Navajo	1696.0	1101.0	1166.2	--

+ - 1963-77 15 Year Average Period

b - Average of all past record - less than 15 years

## PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Ferron Creek near Ferron	500-750	422
Muddy Creek near Emery	200-300	154

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
NAME					
Buck Flat	2/27	73	19.2	17.6	13.3
Buckboard Flat	2/26	63	19.7	23.5	8.8
Camp Jackson	2/26	74	22.8	24.5	10.3
Dills Camp	2/27	59	16.1	11.4	9.8a
Dry Valley Divide Alternate	2/28	48	12.8	11.8	--
Huntington-Horseshoe	2/28	77	24.2	23.0	--

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
NAME					
Mammoth-Cottonwood R.S.	2/28	77	17.7	22.0	17.4
Monticello City Park	2/27	13	4.6	9.2	--
Mud Creek	2/28	65	16.8	14.2	11.4
Seeley Creek	2/27	60	19.2	14.2	13.4
White River #1	2/28	55	15.4	17.4	11.3
White River #3	2/27	36	10.6	10.6	7.6

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UTAH STATE DEPARTMENT OF NATURAL RESOURCES

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
SEVIER RIVER					
Sevier at Hatch	99	244	Apr-July	101	41
Sevier nr Circleville	90	297	Apr-July	--	29
Sevier nr Kingston	65	288	Apr-July	80	22
Antimony Crk nr Antimony	11.8	162	Apr-July	--	6.9
East Fork Sevier nr Kingston	40	266	Apr-July	60	15.4
Sevier below Piute Dam	102	285	Apr-July	--	36
Clear Crk nr Sevier (abv Div)	23	121	Apr-July	--	17.8
Inflow					
Kingston to Vermillion Dam	82	146	Apr-June	--	56
Vermillion Dam to Gunnison	42	120	Mar-June	--	35
Salina Creek at Salina	18.0	155	Apr-June	--	11.1
Sevier nr Gunnison	90	181	Apr-July	--	50
Chalk Creek nr Fillmore	25	161	Apr-July	--	15.5b
Chicken Creek nr Levan	6.3	203	Apr-July	8.3	3.1
Oak Cr. nr Oak City	2.5	179	Apr-July	1.4	1.4
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	26	180	Apr-July	--	14.5
Pleasant Crk nr Mt. Pleasant	10.3	123	Apr-July	--	8.6
BEAVER RIVER					
Beaver nr Beaver	38	188	Apr-July	51	20
North Creek (Combined)	22	182	Apr-July	--	12.2b
Minersville Reservoir Inflow	22	326	Apr-June	55	6.6

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Gauges Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
UPPER SEVIER RIVER	9	81	177
East Fork Sevier	4	77	171
South Fork Sevier	6	80	178
LOWER SEVIER	11	97	125
BEAVER RIVER	3	92	183

1 - Observed flow corrected for change in storage and diversions  
2 - Provisional flows - Subject to correction

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Sevier River at Hatch	800-1100	--
Sevier River nr Circleville	--	--
Sevier River nr Kingston	550-800	--
Clear Creek nr Sevier	200-300	--
Salina Creek nr Salina	450-750	--
Beaver River nr Beaver	350-500	211

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average†
SEVIER RIVER	Gunnison	18.2	18.2	12.4	14.0
	Otter Creek	52.5	46.8	23.3	33.1
	Piute	71.8	48.9	31.7	44.9
	Sevier Bridge	236.0	152.9	76.3	131.4
BEAVER RIVER	Minersville (Rky Fd)	23.3	18.9	13.6	13.5
b - Average of all past record - less than 15 years					
+ - 1963-77 15 Year Average Period					
e - Estimated					

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Big Flat	2/26	83	23.2	22.7	12.8
Bryce Canyon	2/27	34	10.1	10.4	3.9
Castle Valley	2/26	63	17.0	20.2	10.6
Duck Creek	3/2	70	20.2	25.0	10.7
Farnsworth Lake	3/1	60	18.6	17.4	15.1
Gooseberry R.S.	3/1	37	10.6	12.2	10.1

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Harris Flat	3/2	44	15.2	22.0	6.9
Kimberly Mine	2/26	68	18.0	22.1	12.3
Long Valley Junction	3/2	33	12.4	15.6	4.0
Merchants Valley Upper	2/26	58	16.0	20.0	9.6b
Midway Valley	3/2	100	30.8	33.8	16.6
Otter Lake	2/26	74	20.0	22.0	9.9
Pickle Keg Springs	2/27	59	15.8	20.0	13.2a
Widtsoe-Escalante #3	3/2	49	13.9	20.0	8.3

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STREAMFLOW FORECASTS range from 144% of the April-July flow period for Lake Powell Inflow to 322% for Santa Clara River. The Virgin is forecast 263% and Coal Creek 156% of average. All water users are expected to have above average water supplies this year.



## EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

## STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average †
<u>VIRGIN RIVER</u>					
Virgin nr Hurricane	158	263	Apr-June	--	49
Santa Clara nr Pine Valley	13.2	322	Apr-June	--	4.1
<u>COAL CREEK</u>					
Coal Creek nr Cedar City	26	156	Apr-July	--	17.0
<u>UPPER COLORADO</u>					
Lake Powell Inflow	10000	144	Apr-July	--	6952
2 - Provisional Flows - Subject to correction					

## SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
COAL CREEK	4	98	198
VIRGIN RIVER	4	94	192
PAROWAN CREEK	4	92	157
ENTERPRISE - NEW HARMONY	2	72	221

## RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
COLORADO	Lake Powell	25002.0	21080.0	15126.0	--
	Blue Mesa	829.5	945.5	420.4	--
b - Average of all past record - less than 15 years					
+ - 1963-77 15 year Average Period					

## PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Coal Creek nr Cedar City	350-450	--
Virgin nr Virgin	1900-2200	--

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Average †
Birch Crossing	2/28	35	12.2	10.8	6.0b
Brian Head	2/26	82	22.2	26.2	16.3b
Harris Flat	3/2	44	15.2	22.0	6.9
Kolob-Crystal	3/2	95	28.5	30.0	17.3a
Little Grassy	3/2	18	8.6	15.5	3.6
Long Flat	3/2	33	11.7	12.8	5.6

## SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Average †
Long Valley Junction	3/2	33	12.4	15.6	4.0
SUSC Ranch	2/28	45	16.3	16.2	7.5b
Tall Poles	2/28	60	18.3	19.6	11.5b
Webster Flat	3/2	85	28.0	27.0	13.9
Yankee Reservoir	2/26	46	12.0	14.0	7.4

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# SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Burts-Miller Ranch	2/27	29	8.6	5.4	--	2/27	2.57	--	11.27	--	--
CCC Camp	2/28	40	11.0	13.2	11.1						
Hayden Fork	2/26	61	18.0	14.0	12.7a	2/26	4.88	--	21.17	--	--
Monte Cristo R.S.	2/26	73	24.9	22.7c	22.0	2/26	4.68	4.15	24.38	21.27	115
Salt River Summit	2/28	52	13.8	15.4	14.4	2/28	3.44	2.91	15.56	14.26	109
Stillwater Camp	2/27	51	13.7	9.9	--	2/27	3.19	--	15.80	--	--
Lily Lake	2/27	60	16.2	--	--						
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	2/25	65	19.0	20.1	15.6a	2/29	3.80				
Cub River R.S.	2/26	25	8.7	11.5	8.4						
Emigrant Summit	2/27	72	22.8	23.3	21.7						
Franklin Basin	2/26	68	23.3	22.8	22.7						
Garden City Summit	2/25	54	17.0	17.7	15.3	2/25	3.27	3.47	16.07a	15.80	102
Klondike Narrows	2/26	62	19.6	18.5	17.3	2/26	4.19	--	21.37	--	--
Little Bear (lower)	2/25	29	8.5	12.6	9.2						
Little Bear (upper)	2/25	39	10.6	15.1	10.9	2/29	6.50				
Slug Creek Divide	2/27	54	16.7	14.8	14.8						
Steep Hollow #1	2/26	95	31.7	32.2	30.8						
Steep Hollow #2	2/26	78	24.4	23.5	22.4						
Tony Grove Lake	2/26	99	32.9	32.8	28.4a						
Tony Grove R.S.	2/25	38	10.9	14.9	10.9	2/25	3.77	--	19.48	--	--
Willow Flat	2/26	43	15.6	19.9	13.9	2/26	5.39	3.71	22.21	18.85	118
OGDEN RIVER											
Beaver Creek-Skunk Creek	2/25	39	14.5	15.5	10.8						
Ben Lomond Peak	2/25	120	44.4	38.4	29.1	2/29	13.70				
Ben Lomond Trail	2/25	60	20.0	25.2	15.7b	2/25	10.12	4.47b	37.65	24.98b	151
Causey Dam	--	--	--	--	--	2/25	3.16	2.42b	16.27	11.91	137
Dry Bread Pond	2/25	65	21.6	18.6	16.0	--	--	--	--	16.96b	--
Sagebrush Flat	2/25	19	6.7	6.7	5.0	2/25	3.47	2.58	17.87	12.07	148
WEBER RIVER											
Beaver Creek R.S.	2/26	40	12.2	8.5	7.5						
Chalk Creek #1	2/27	81	24.6	17.6	18.0						
Chalk Creek #2	2/27	59	16.1	12.0	12.2						
Chalk Creek #3	2/27	40	10.9	6.4	6.7	2/27	3.62	1.82b	14.82	11.26b	131
Farmington Canyon (lower)	2/25	73	24.8	26.8	18.4b	2/25	9.18	4.04b	25.53	22.40	114
Farmington Canyon (upper)	2/25	96	31.1	28.8	25.3b	2/29	12.80				
Farmington G.S.	--	--	--	--	--	2/25	9.49	--	26.36	19.40b	136
Horse Ridge	2/25	68	21.8	23.9	18.2b	2/25	4.78	--	24.24	19.40b	125
Kilfoil Creek	2/25	55	17.0	16.3	11.6b						
Lost Creek Reservoir	2/25	Course plowed		9.3	4.9b	2/25	2.63	--	13.51	--	--
Park City Summit				24.4							
Parley's Canyon Summit	2/28	62	17.1	17.5	16.1	2/28	5.87	3.68	20.23	18.48	110
Pine Canyon	2/25	66	19.7	--	--						
Redden Mine (lower)	2/26	67	20.9	--	15.0	2/26	5.00	--	17.53	--	--
Smith & Morehouse	2/27	51	15.5	12.2	11.4	2/27	4.55	2.81	17.99	14.71	122
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	2/26	57	16.6	11.8	10.9a	2/29	4.70				
Camp Altamont	2/27	67	23.4	21.8	13.4						
Clear Creek Ridge #1	2/27	72	21.8	18.2e	15.6	2/28	6.10				
Clear Creek Ridge #2	2/27	58	14.0	14.6	11.8	2/27	4.01	2.48b	17.98	13.35b	135
Clear Creek Ridge #3	2/27	29	8.9	10.9	6.9						
Dutchman R.S.	2/28	81	28.2	20.8	14.4						
Hobble Creek Summit	2/27	60	17.0	15.6	12.3	2/27	7.32	--	21.79	14.49	150
Payson R.S.	2/27	62	18.4	15.2	16.5b	2/27	5.84	3.01	20.30	15.05	135
Soapstone R.S.	2/26	56	16.0	12.3	11.1	2/26	3.69	2.66	17.57	13.82	127
South Fork R.S.	2/28	22	7.2	10.4	6.1						
Timpanogos Cave Camp	2/28	3	1.2	5.4	2.4						
Timpanogos Divide	2/27	100	35.2	27.2	21.5	2/29	8.50	4.30	--	21.73	--
Trial Lake	2/26	100	30.4	22.3	20.0	2/26	7.40	3.87	28.05	20.07	140

# SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin											
Lamb's Canyon #2	2/28	52	16.1	15.0	--	2/28	4.47	--	17.42	--	--
Middle Canyon	2/29	33	10.4	14.8	12.1	2/29	5.20	2.79	14.87	12.53	119
Mill Creek	2/28	54	16.8	15.8	--						
Mill D South Fork	2/29	57	17.5	17.3	17.1						
Mt. Dell Dam	--	--	--	--	--	3/3	3.35	1.77	--	11.14	--
Rock Basin-Settlement Canyon	--	--	--	--	--	--	--	--	--	--	--
Silver Lake (Brighton)	2/29	95	31.1	24.2	19.6	3/3	8.07	4.31	--	22.38	--
Snow Bird (Gad Valley)				34.2	--						
Vernon Creek	2/28	40	11.0	13.2	9.3a	2/28	6.50	--	19.00	12.76b	149
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	3/1	53	15.0	22.2	10.7	--	--	--	--	11.10	--
Bryce Canyon	2/27	34	10.1	10.4	3.9						
Castle Valley	2/26	63	17.0	20.2	10.6	2/26	6.37	--	16.59	11.12	149
Duck Creek R.S.	3/2	70	20.2	25.0	10.7	3/2	9.74	2.35b	25.73	13.25	194
Farview	2/28	50	15.1	19.5	--						
Harris Flat	3/2	44	15.2	22.0	6.9						
Kimberly Mine	2/26	68	18.0	22.1	12.3	2/26	6.54	3.18b	19.82	14.38	138
Midway Valley	3/2	100	30.8	33.8	16.6	3/2	10.04	--	25.02	--	--
Panguitch Lake	2/26	28	7.4	11.4	3.8	2/26	4.17	--	9.72	6.51b	149
Rainbow Point	2/28	59	19.9	20.8	--						
Squaw Springs	3/1	40	10.7	11.8	6.1						
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	2/27	42	12.0	14.5	9.6b	2/27	5.24	--	14.96	10.66	140
Farnsworth Lake	3/1	60	18.6	17.4	15.1	3/1	4.22	3.59	19.25	15.23	126
G.B.R.C. Headquarters	2/27	64	17.6	16.8	13.0	2/27	7.68	2.69	21.49	14.21	151
G.B.R.C. Majors	--	--	--	--	--	3/1	5.43	1.30	12.95	6.95	186
G.B.R.C. Meadows	2/27	83	25.2	21.0	18.6	2/27	8.90	3.59	24.88	17.57	142
G.B.R.C. Oaks	--	--	--	--	--	3/1	6.06a	1.88	14.86a	9.70	153
Gooseberry R.S.	3/1	37	10.6	12.2	10.1	3/1	2.87	2.38b	12.98	9.87b	131
Gooseberry Reservoir	--	--	--	--	--	2/27	7.89	--	23.60	--	--
Mammoth-Cottonwood Creek	2/28	77	23.1	22.0	17.4						
Middle Fork				22.4	--						
Mt. Baldy R.S.	2/27	88	26.0	26.0	18.6b	2/27	6.90	--	20.66	13.76	150
Oak Creek	2/28	54	15.3	14.9	--	2/28	--	--	22.82	--	--
Pickle Keg Springs	2/27	59	15.8	20.0	13.2a						
Pine Creek	2/26	56	16.8	16.8	13.1	2/26	4.85	--	18.12	18.53	98
Ree's Flat	2/27	51	14.6	12.3	10.3b	2/27	6.73	--	17.72	--	--
Shingle Mill	2/28	24	9.0	9.2	7.6	2/28	11.80	2.33b	24.70	12.58	196
Thistle Flat				15.8	--						
BEAVER RIVER											
Beaver Canyon Power House											
Beaver Race Track				0.5	--						
Big Flat	2/26	83	23.2	22.7	12.8	2/26	8.35	2.60	20.51	12.53	164
Merchant's Valley (Upper)	2/26	58	16.0	20.0	9.6b	2/26	6.97	2.11b	17.15	11.29	152
Otter Lake	2/26	74	20.0	22.0	9.9						
PAROWAN CREEK											
Birch Crossing	2/28	35	12.2	10.8	6.0b						
Brian Head	2/26	82	22.2	26.2	16.3b						
Tall Poles	2/28	60	18.3	19.6	11.5b	2/28	8.40	2.39b	20.25	11.87b	171
Yankee Reservoir	2/26	46	12.0	14.0	7.4	2/26	4.22	--	13.68	9.40b	146
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	3/2	18	8.6	15.5	3.6	3/2	10.53	--	19.25	12.33b	156
Long Flat	3/2	33	11.7	12.8	5.6	3/2	6.84	--	17.01	9.23	184
COAL CREEK											
Cedar City Golf Course	2/28	0	--	1.0	--						
SUSC Ranch	2/28	45	16.3	16.2	7.5b						



## SNOW

## PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)			FROM APPROX OCT 1 TO DATE		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
				Last Year	Average †						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)				15.9	--						
Black's Fork G.S.-East Fork	2/27	41	11.1	7.8	7.4	2/27	3.10	--	12.68	9.51	133
Black's Fork Junction	2/27	46	13.1	8.0	7.4	2/27	3.12	--	13.99	9.37	149
Buck Pasture (A)				14.2	--						
Burnt Creek	2/28	25	7.0	5.2	4.0 b	2/28	2.00	1.23b	--	7.32b	--
Dutch John Junction	2/28	26	7.4	5.4	--						
Grizzly Ridge	2/28	51	14.8	11.5	8.0b	2/28	3.80	1.80b	16.25	10.55	154
Hewinta G.S.	2/27	43	12.1	8.0	7.3	2/27	3.00	--	14.40	10.06	143
Hickerson Park	2/27	38	10.4	6.2	5.0b	2/27	2.62	--	10.22	7.65b	134
King's Cabin (upper)	2/27	52	14.4	9.6 e	8.1	2/27	--	--	14.15	9.24	153
Reynolds Park (A)				21.8							
Spirit Lake	2/27	51	14.7	11.7	9.7	2/27	3.85	--	14.90	11.04	135
Steel Creek Park	2/27	63	17.3	12.0	12.8b						
Trout Creek	2/27	47	13.1	11.2	--	2/27	3.33	--	14.60	--	--
Windy Park (A)				14.8	--						
DUCHESNE RIVER											
Atwood Lake (A)				23.0	--						
Brown Duck Ridge	2/26	82	23.6	18.9	14.1a	2/26	4.65	--	23.20	--	--
Chepeta-Whiterocks (A)	Not Measured			19.2	--						
Current Creek	2/27	56	16.8	13.5	7.8a	2/27	5.54	--	18.99	--	--
Daniels-Strawberry Summit	2/27	67	19.8	16.0	12.3	2/27	6.45	3.10	24.31	15.13	161
East Portal	2/28	52	13.2	15.5	9.6	2/28	6.18	3.08	--	14.22	--
Five Points Lake (A)				17.3	--						
Indian Canyon	2/28	57	16.2	16.3	10.1	2/28	6.33	2.18	17.46	10.87	161
Jackson Park	2/26	65	18.6	13.1	--	2/26	3.55	--	17.05	--	--
Lakefork Basin (A)				18.6							
Lakefork Mountain	2/26	55	15.5	10.9	9.0	2/26	3.56	1.86	15.66	10.54	149
Lakefork Mountain #3	2/26	46	12.4	6.9	5.3						
Lightning Lake (A)				21.1	--	2/29	7.60				
Mosby Mountain	2/26	54	13.9	11.4	7.7	2/26	3.50	1.66b	15.60	10.53	148
Paradise Park	2/26	56	15.8	14.5	10.2	2/26	3.60	1.91b	13.45	11.27	119
Rock Creek Ranch	2/26	49	13.5	7.9	--	2/26	3.88	--	14.70	--	--
Strawberry Divide	2/28	71	21.6	21.8	16.5						
PRICE RIVER											
Dry Valley Divide Alternate	2/28	48	12.8	11.8	--						
Mud Creek	2/28	65	16.8	14.2	11.4	2/28	5.98	2.49	18.18	11.69	156
White River #1	2/28	55	15.4	17.4	11.3	2/28	4.66	--	15.65	11.08	141
White River #3	2/27	36	10.6	10.6	7.6						
SAN RAFAEL RIVER											
Buck Flat	2/27	73	19.2	17.6	13.3	2/27	7.17	3.21	20.47	14.50	141
Huntington-Horseshoe	2/28	77	24.2	23.0	--						
Orange Olsen	2/28	30	8.8	8.4	--	2/28	4.57	1.17b	11.67	6.39	183
Red Pine Ridge	2/28	69	18.2	16.0	14.3	2/28	7.55	3.48	20.13	16.25	129
Seeley Creek R.S.	2/27	60	19.2	14.2	13.4						
Stuart R.S.	2/28	47	13.2	10.4	--	2/28	5.55	--	13.99	--	--
Upper Joe's Valley	2/28	54	13.8	12.4	8.8						
Wrigley Creek	2/27	58	15.2	12.8	8.9						
MUDDY RIVER											
Black's Fork	2/27	56	15.9	14.0							
Dill's Camp	2/27	59	16.1	11.4	9.8a	2/27	6.03	--	16.43	--	--
FREMONT RIVER											
Black's Flat-U.M. Creek	3/1	44	12.4	14.2	8.9	3/1	3.91	--	13.66	9.64b	142
Fish Lake	3/1	29	7.8	13.2	6.6	3/1	3.26	1.15	23.60	7.50	315
Johnson Valley	3/1	37	10.0	11.6	5.6						

# SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
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				Last Year	Average †	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
NAME											
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	2/26	63	19.7	23.5	8.8	2/26	7.36	--	--	15.18	--
Camp Jackson	2/26	74	22.8	24.5	10.3	2/26	9.90	--	--	14.27	--
LaSal Mountain (lower)	2/28	46	13.2	11.6	7.1						
LaSal Mountain (upper)	2/28	63	18.2	18.9	11.6b	2/28	6.08	--	17.08	11.04	155
Monticello City Park	2/27	13	4.6	9.2							
ESCALANTE RIVER											
Widtsoe-Escalante #3	3/2	49	13.9	20.0	8.3	3/2	5.51	2.08	15.66	9.67	162
VIRGIN RIVER											
Kolob-Crystal	3/2	95	28.5	30.0	17.3a						
Long Valley Junction	3/2	33	12.4	15.6	4.0						
Webster Flat	3/2	85	28.0	27.0	13.9	3/2	11.84	3.53	29.33	15.15	194
a - Partly Estimated											
b - Average of past record in average period - less than 15 years											
+ - 1963-77 15 year average period											
(A) - Aerial Marker Reading											

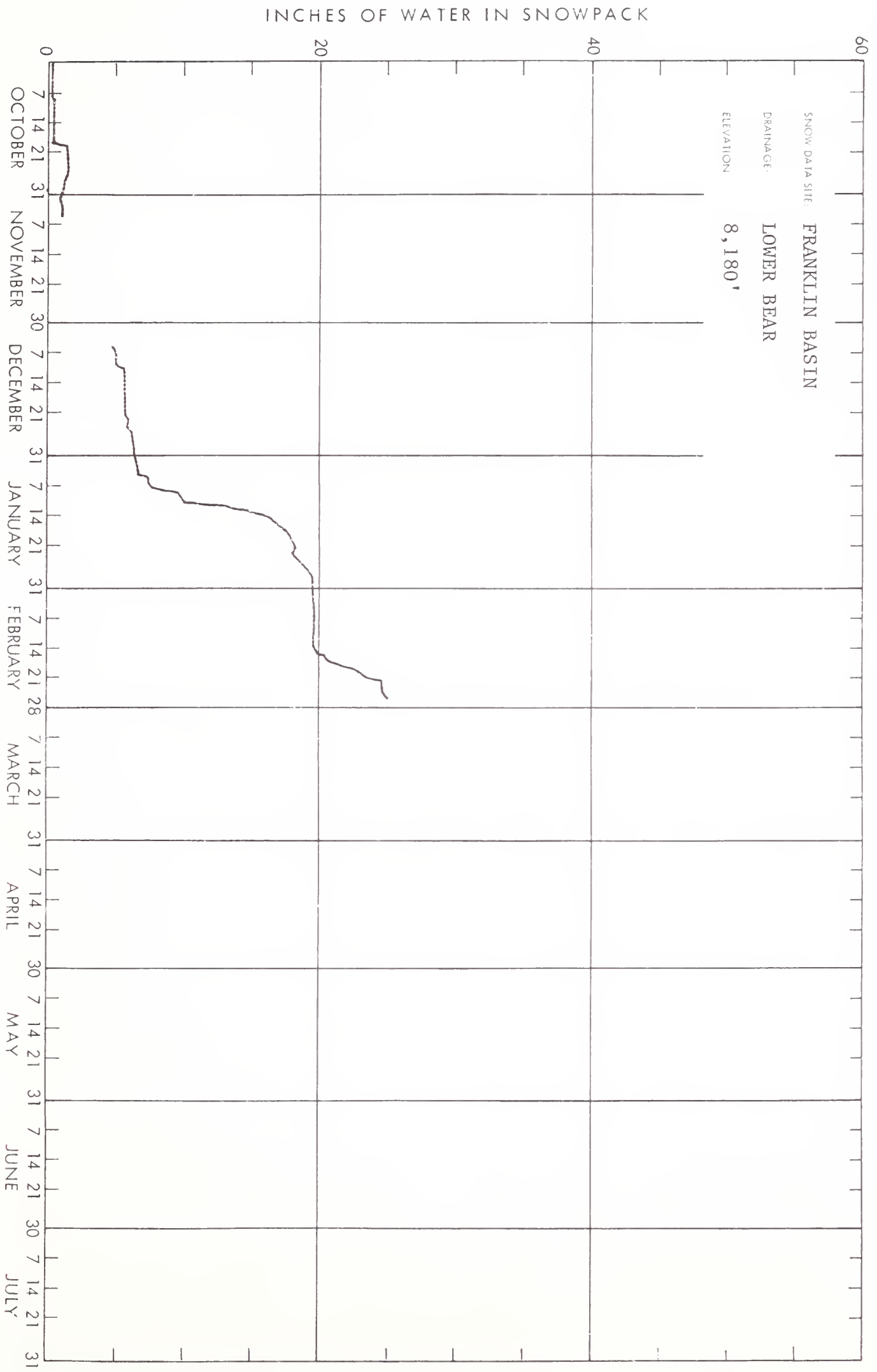
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 (A) - Aerial Marker Reading

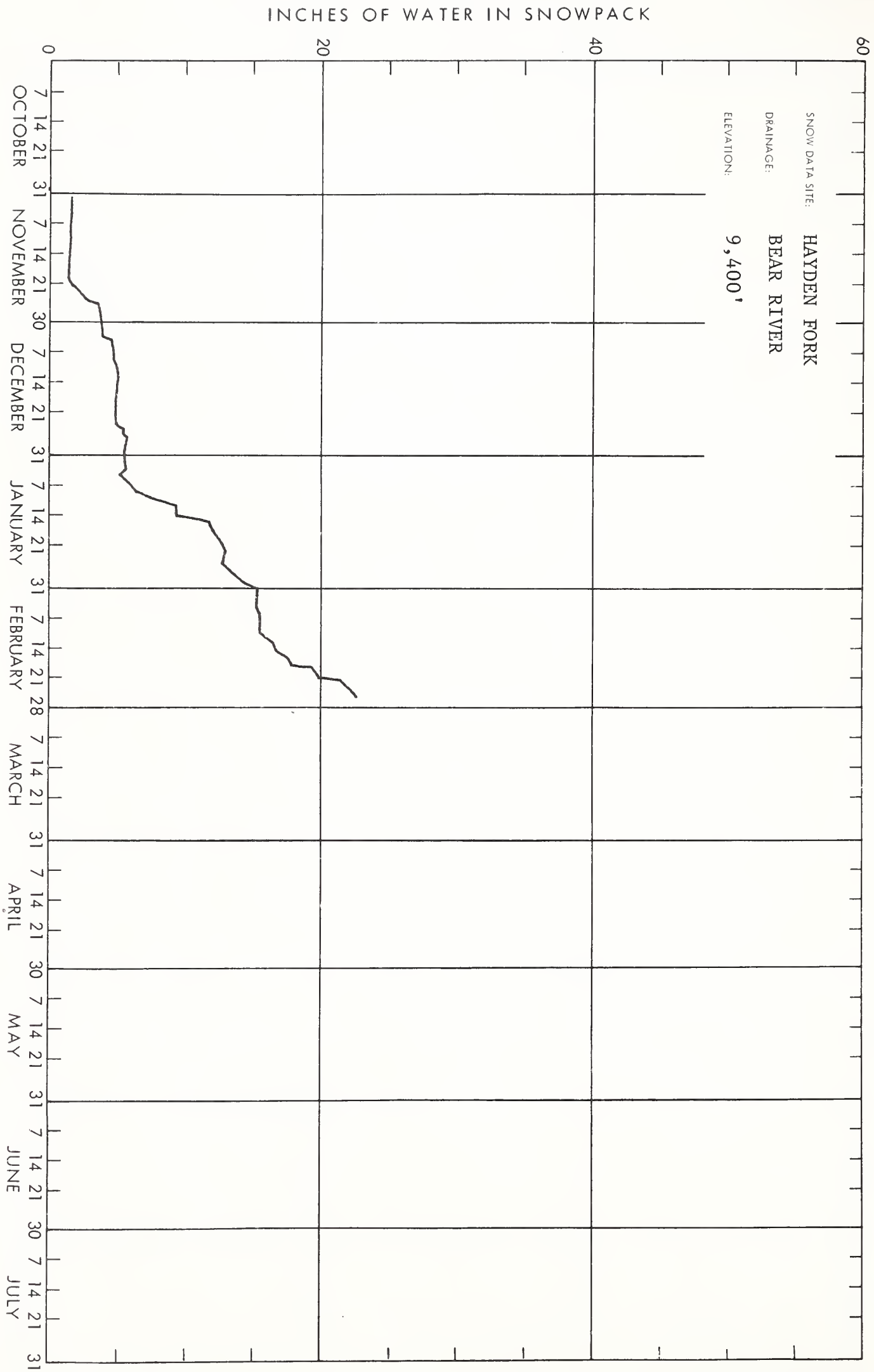
**RESERVOIR STORAGE (Thousand Acre Feet)** END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1007.9	1025.1	1030.6
	Woodruff Narrows	26.5	15.0e	17.6	20.5
<u>Beaver River</u>	Minersville (Rky Fd)	23.3	18.9	13.6	13.5
<u>Little Bear</u>	Hyrum	15.3	10.3	10.2	10.9
	Porcupine	11.3	2.8	4.3	3.6
	Causey	6.9	3.1	1.6	2.0b
	Pineview	110.1	73.5	48.0	49.9
<u>Provo</u>	Deer Creek	149.7	109.9	82.8	106.6
<u>Settlement Creek</u>	Settlement Creek	1.2	0.6	0.7	--
	Vernon Creek	0.6	0.6e	0.6	--
	Gunnison	18.2	18.2	12.4	14.0
	Otter Creek	52.5	46.8	23.3	33.1
	Piute	71.8	48.9	31.7	44.9
	Sevier Bridge	236.0	152.9	76.3	131.4,
<u>Spanish Fork</u>	Strawberry	270.0	164.3	164.3	153.7
<u>Utah Lake</u>	Utah Lake	883.9	805.9	844.2	719.8.
<u>Weber</u>	East Canyon	48.1	33.2	38.2	28.3
	Echo	73.9	52.7	66.1	51.7
	Lost Creek	20.0	14.0	15.0	13.2b
	Rockport	60.9	24.1	27.9	32.8
	Willard Bay	193.3	184.1	163.8	135.1
<u>Ashley Creek</u>	Steinaker	33.3	15.2	12.3	21.9
COLORADO RIVER BASIN					
<u>Colorado</u>	Blue Mesa	829.5	445.5	420.4	--
	Lake Powell	25002.0	21080.0	15126.0	--
<u>Green</u>	Flaming Gorge	3749.0	2440.2	2501.7	--
<u>Lakefork</u>	Moon Lake	35.8	9.0	7.0e	18.3
<u>Price River</u>	Scofield	65.8	44.7	41.0	35.8
<u>San Juan</u>	Navajo	1696.0	1101.0	1166.2	--
<u>San Rafael</u>	Huntington North	3.9	3.0	1.6	3.0b
	Joe's Valley	54.6	34.8	38.0	36.9b
	Mill Site	16.7	5.0e	5.9	--
<u>Strawberry</u>	Starvation	165.3	37.6	--	130.0b
<u>Uintah</u>	Bottle Hollow	11.3	10.4	9.5	9.9b



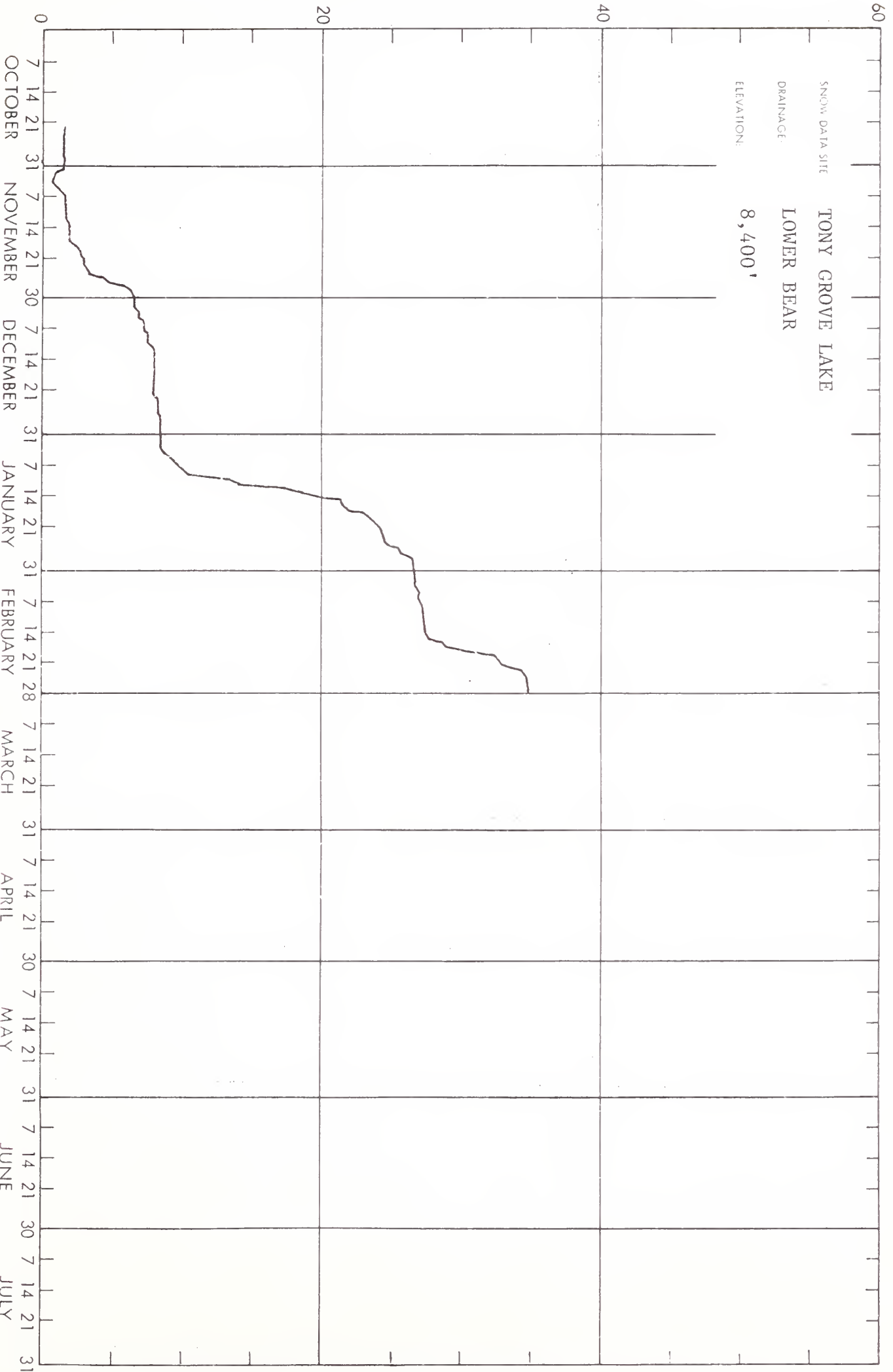




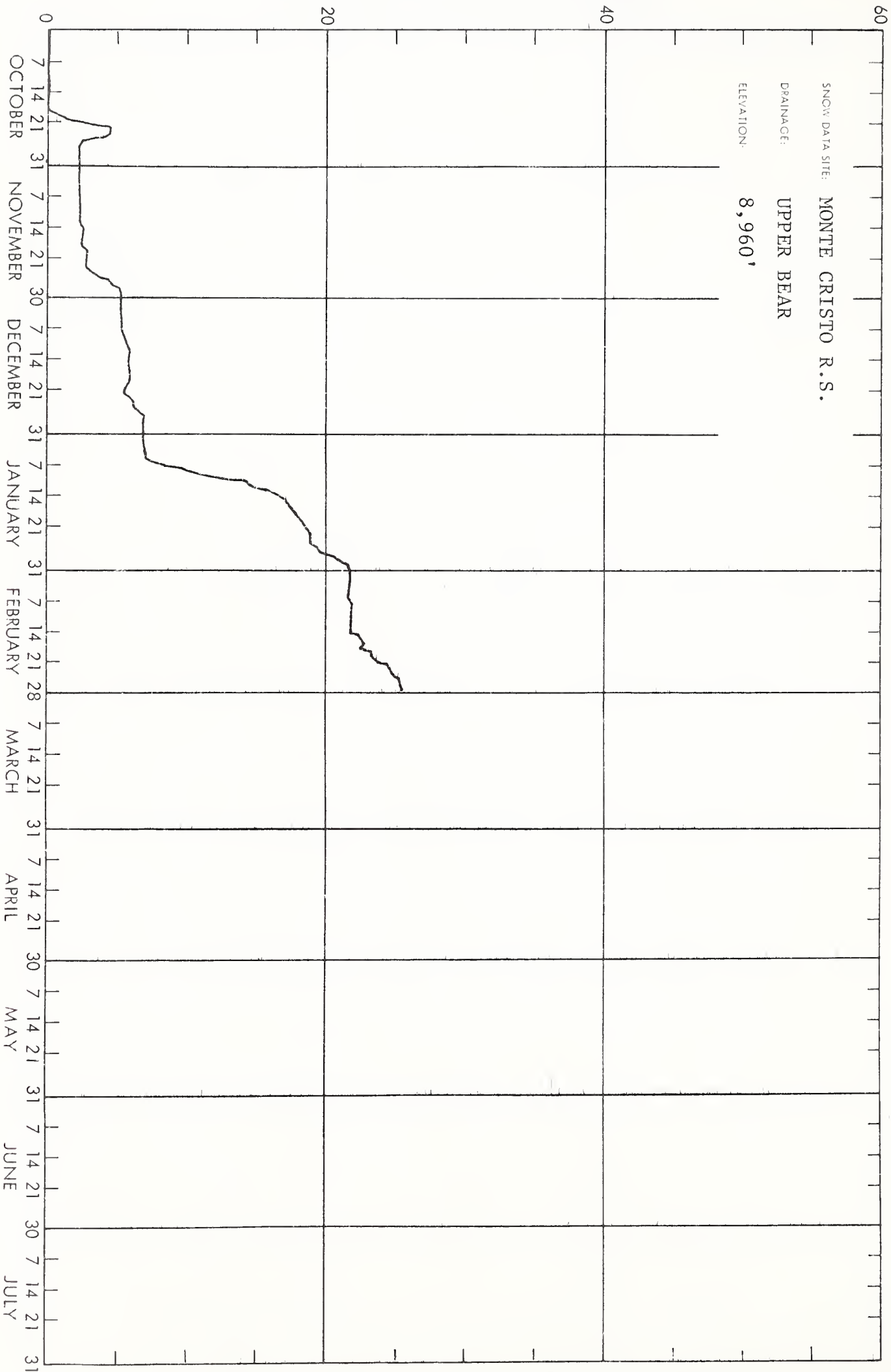




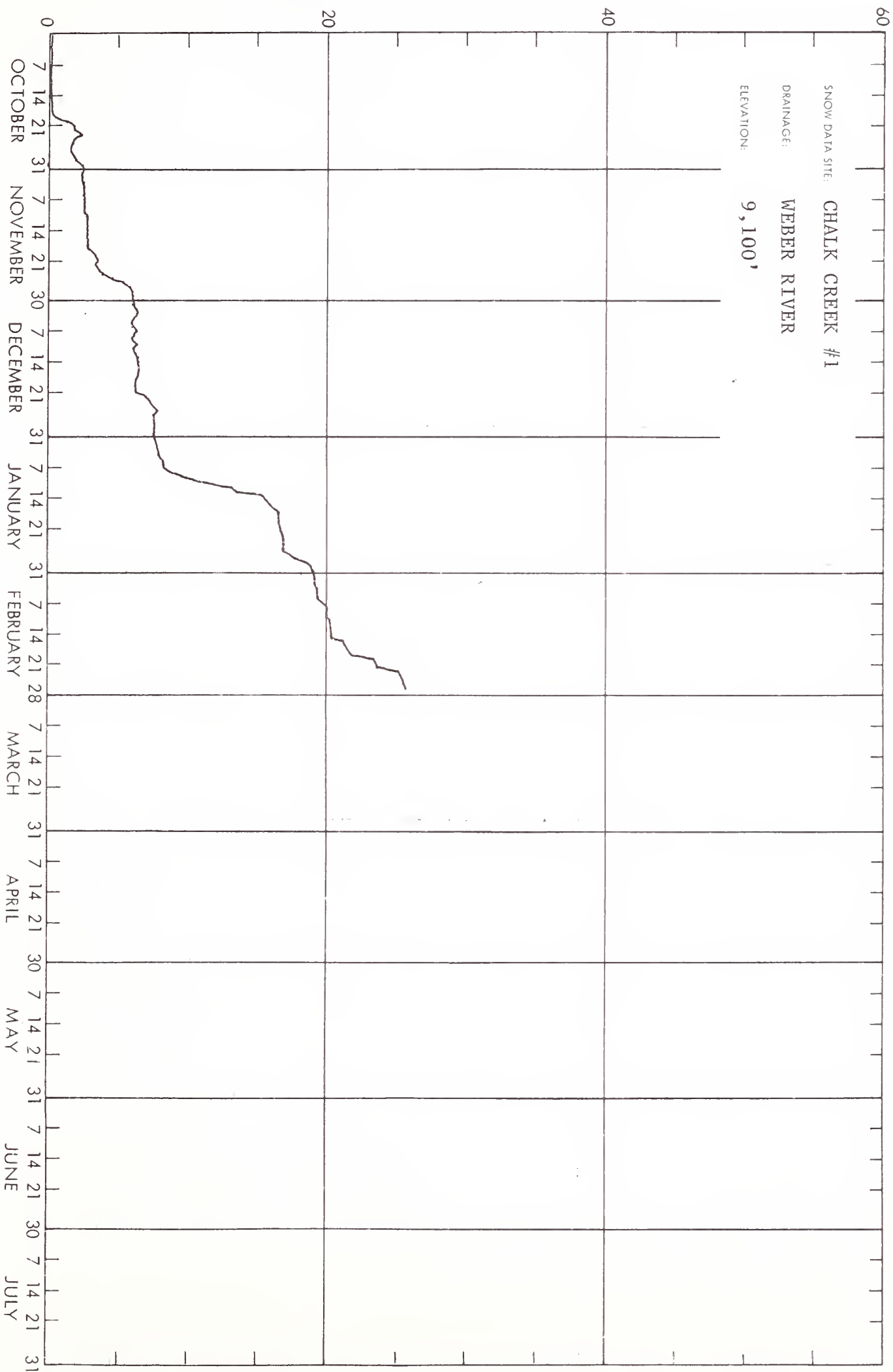
INCHES OF WATER IN SNOWPACK



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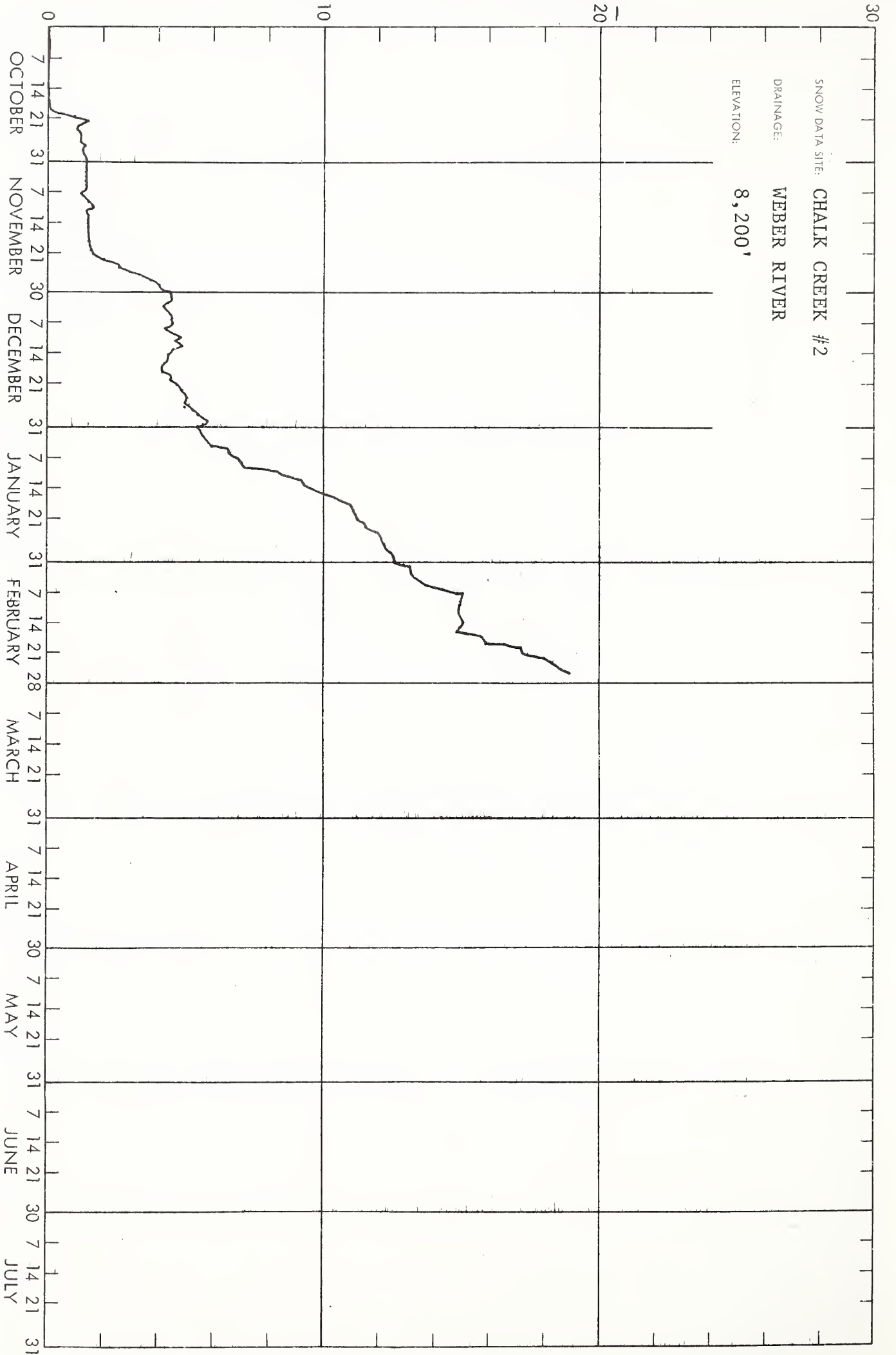


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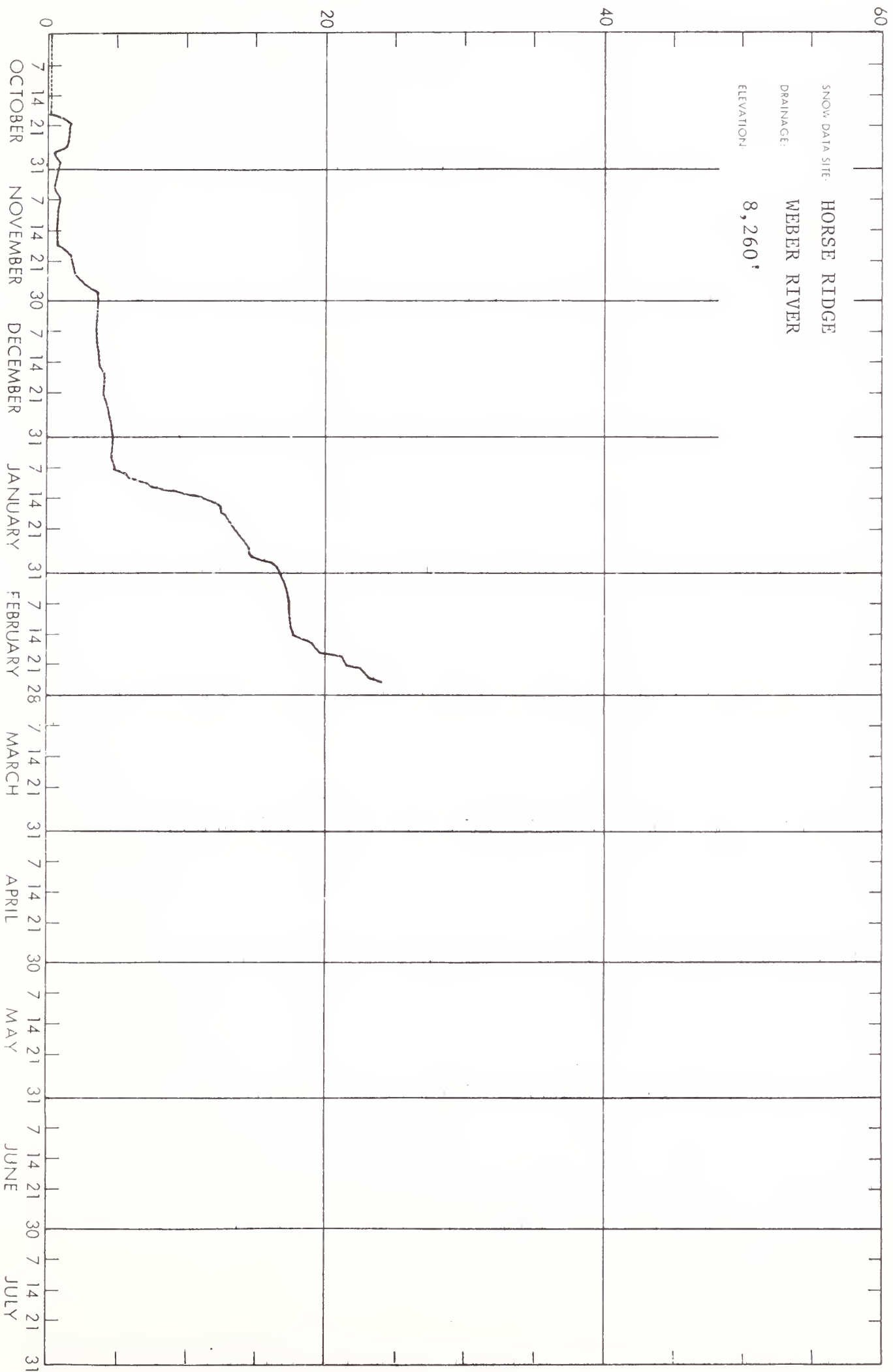




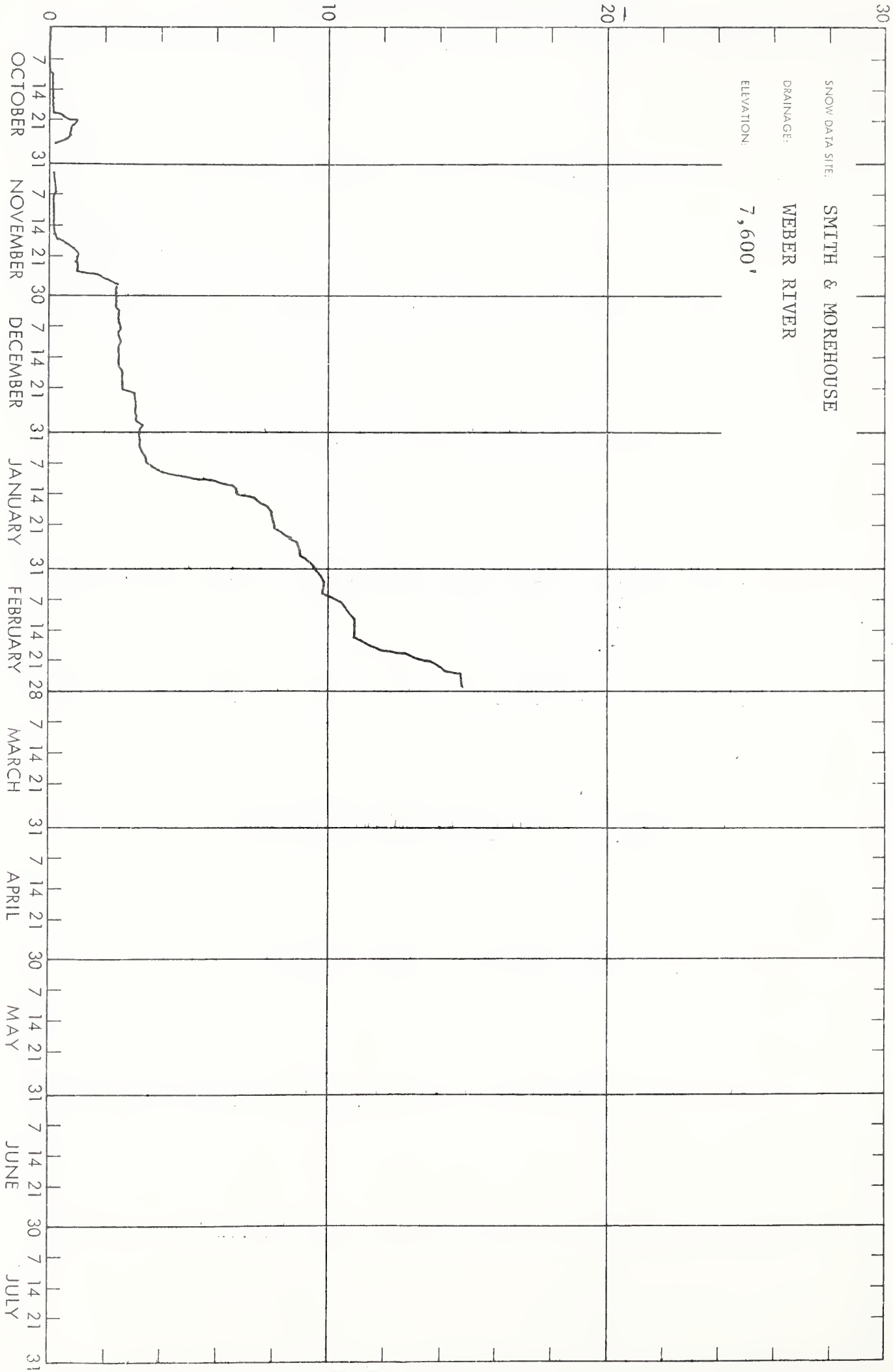
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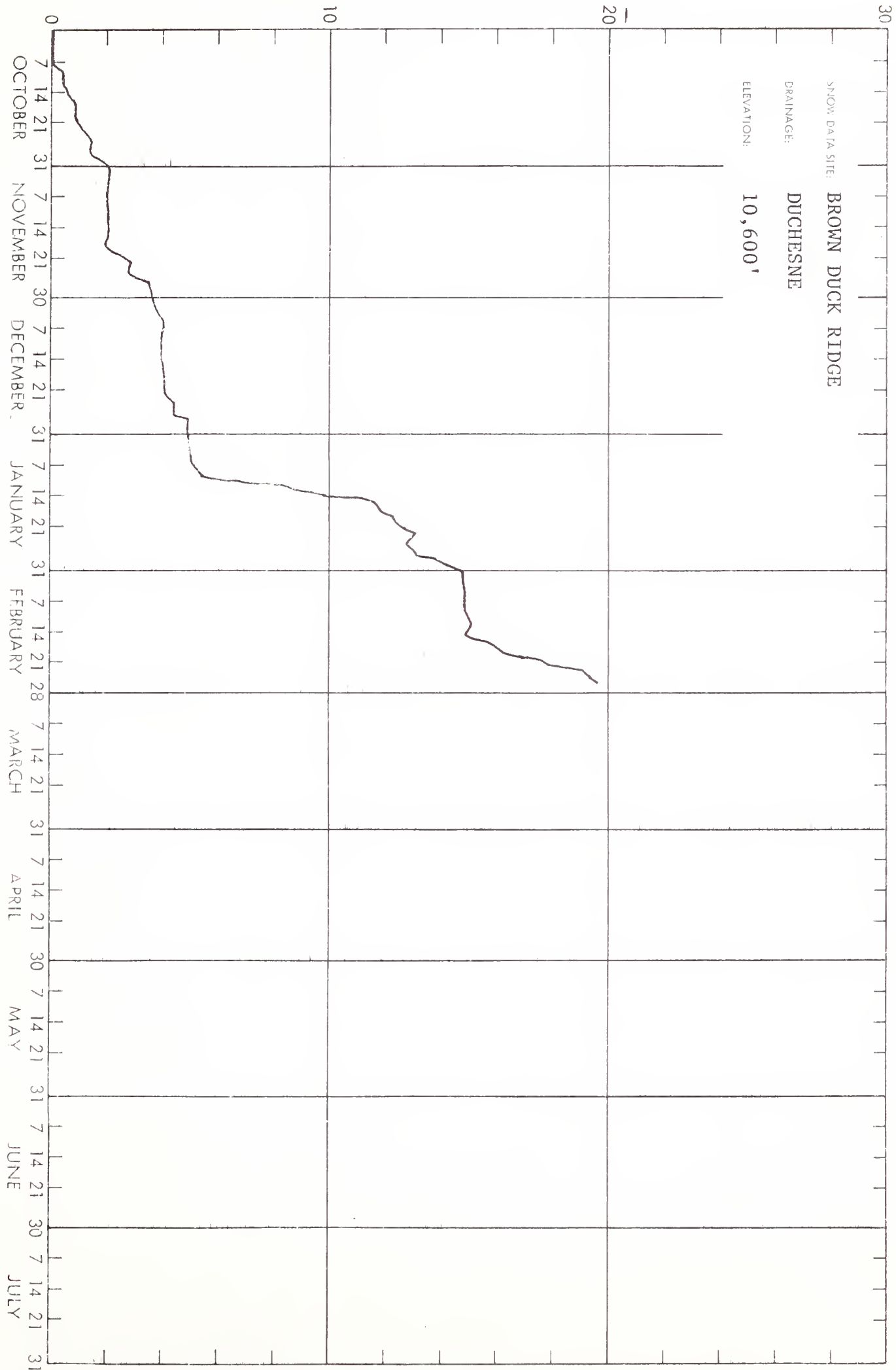


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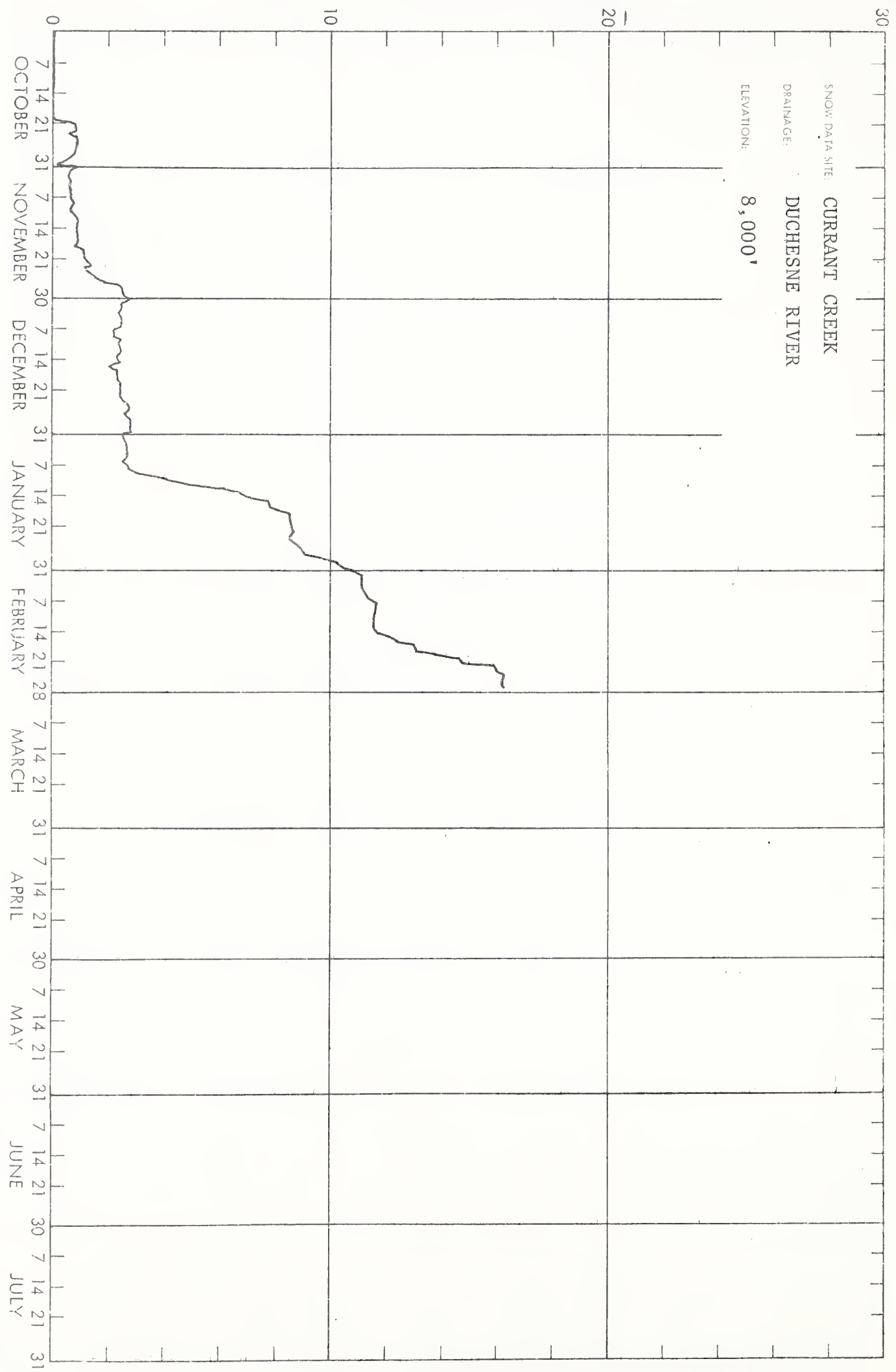




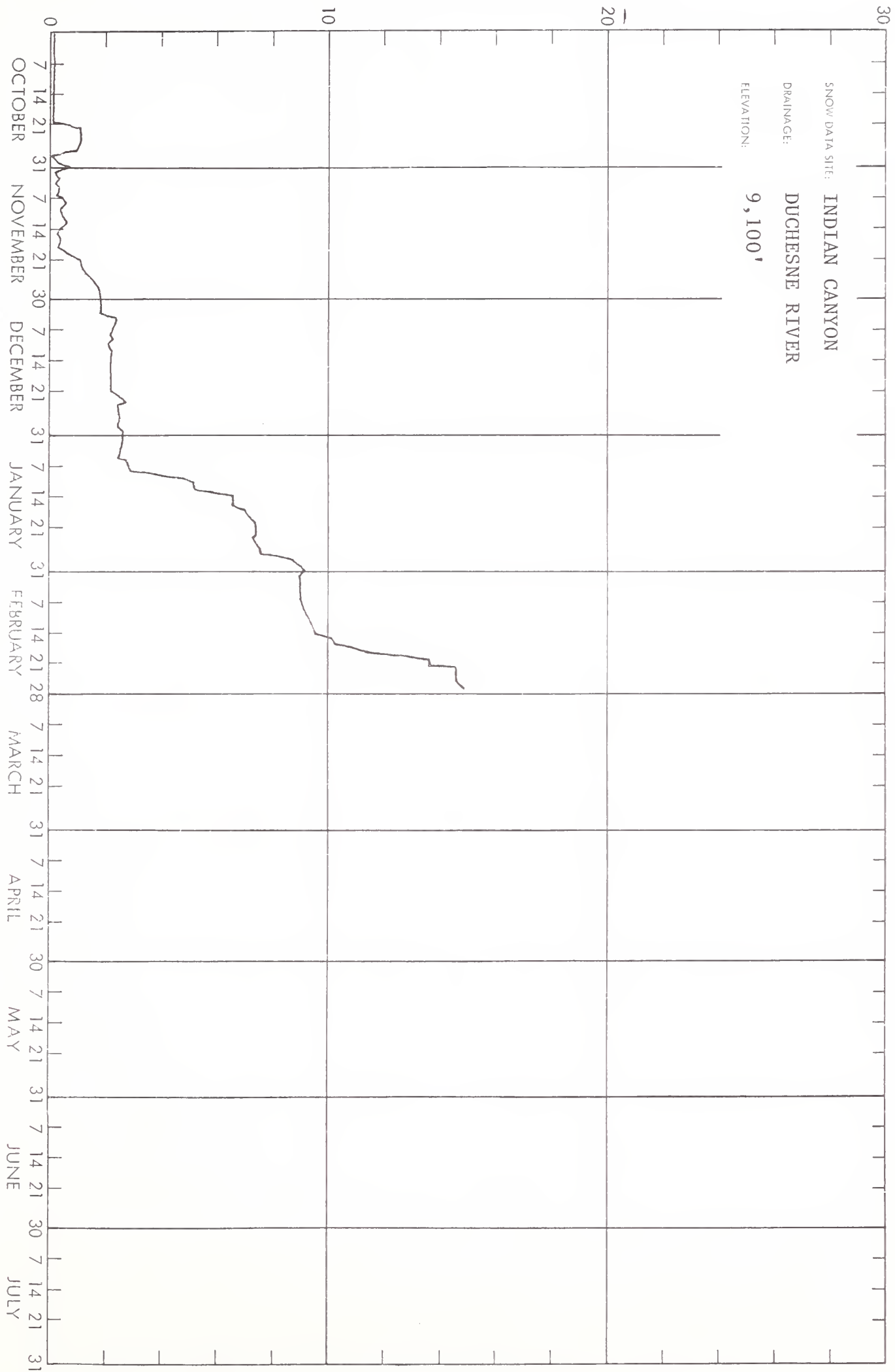
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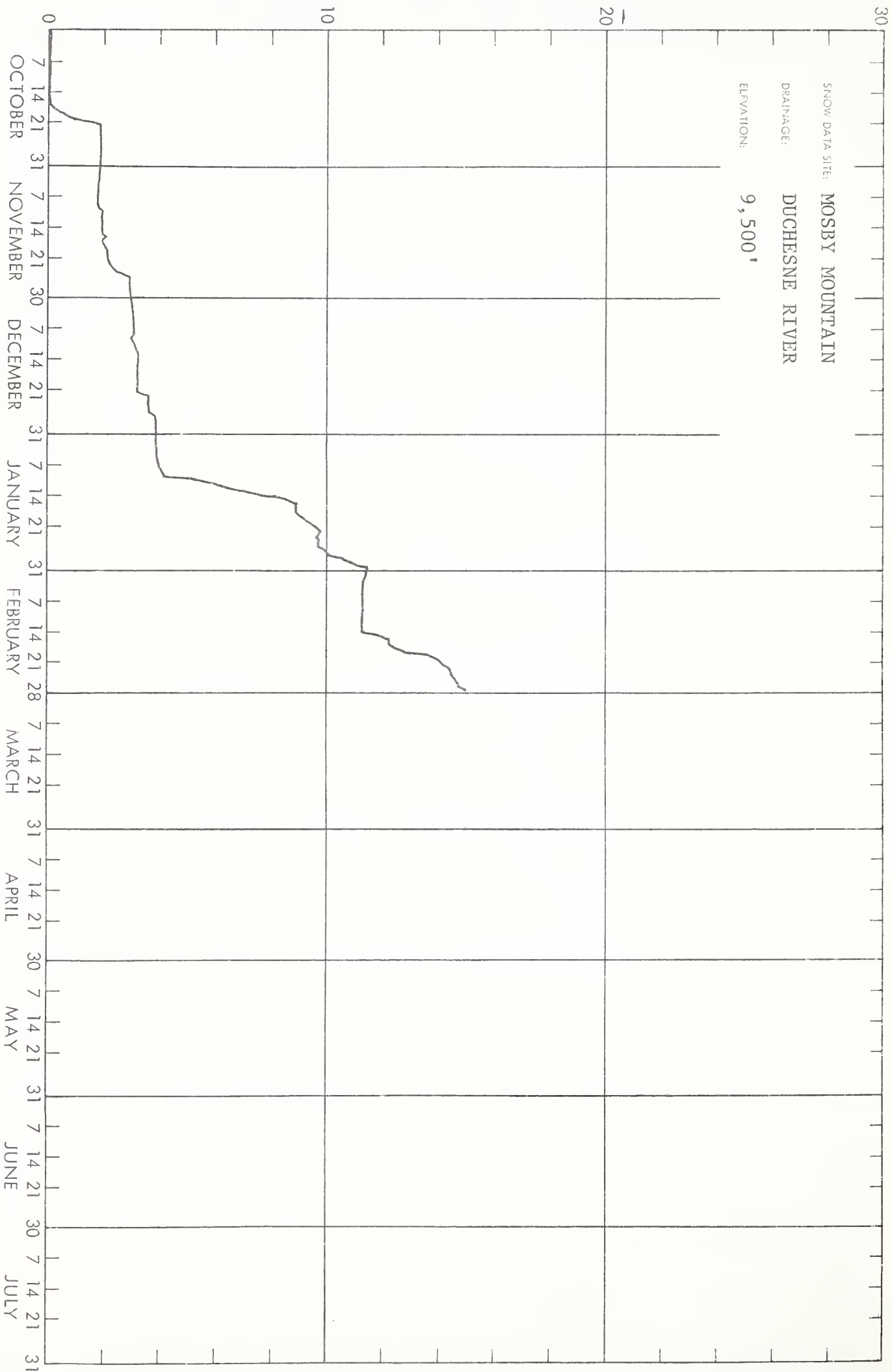


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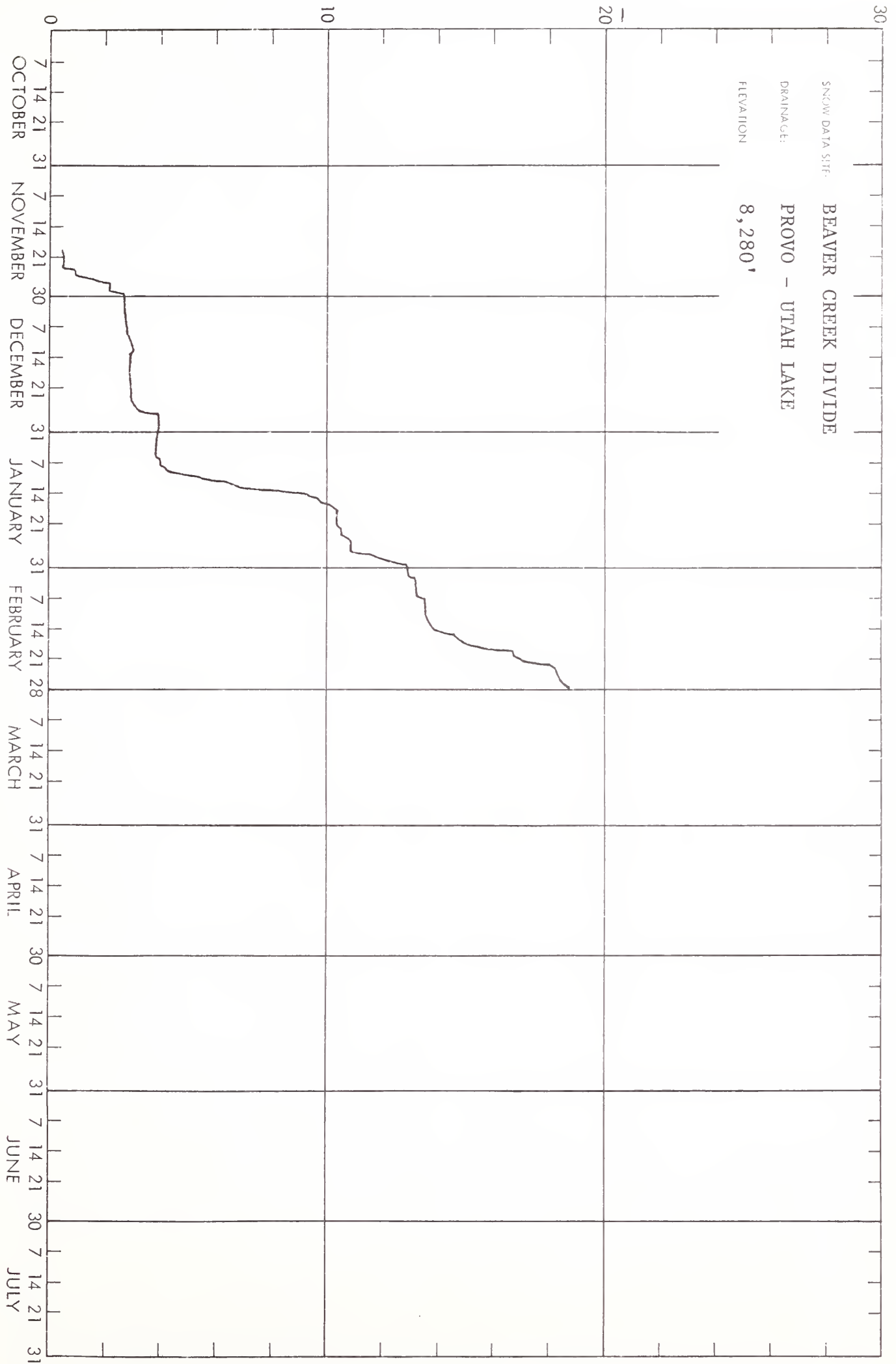




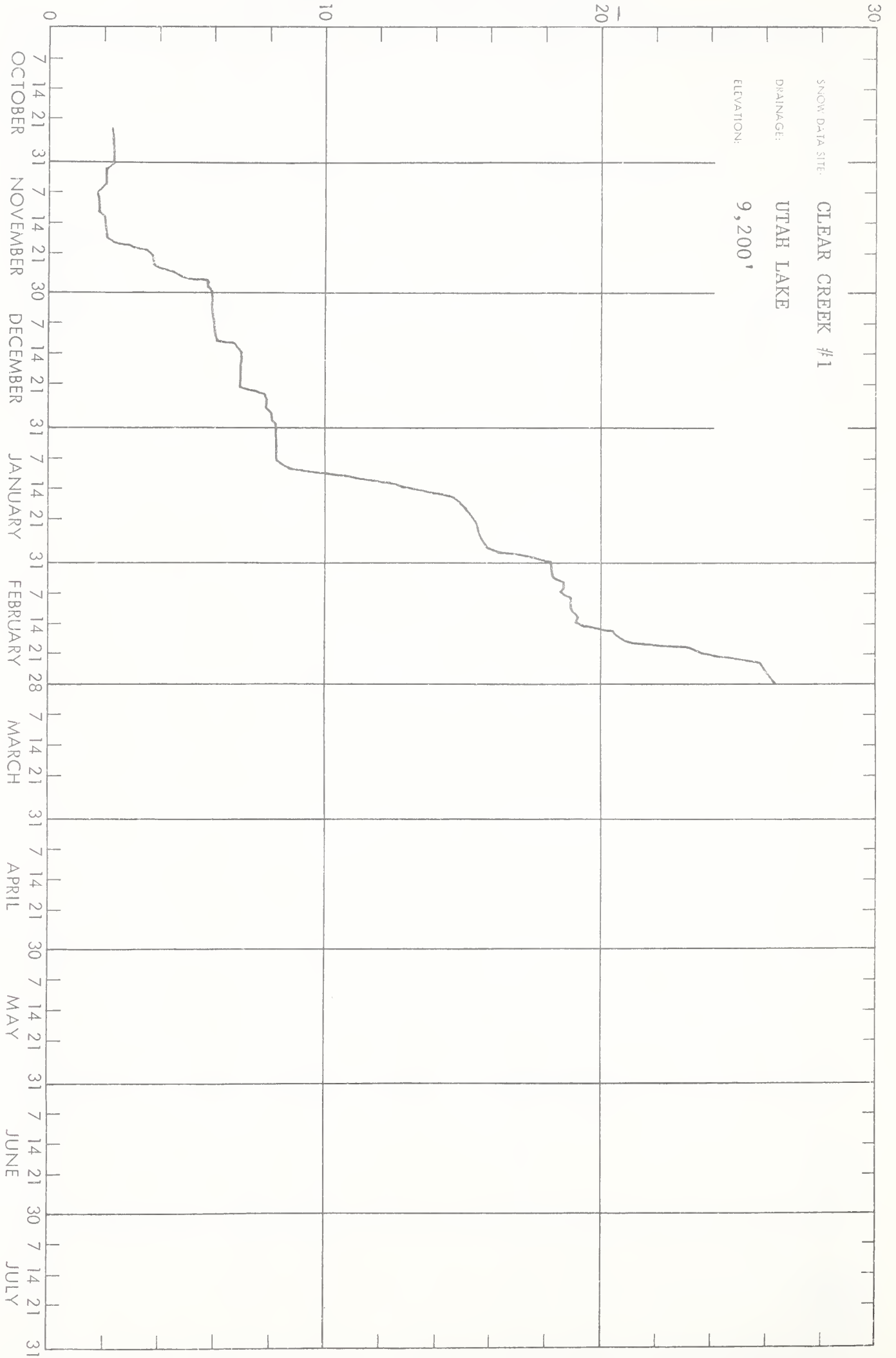
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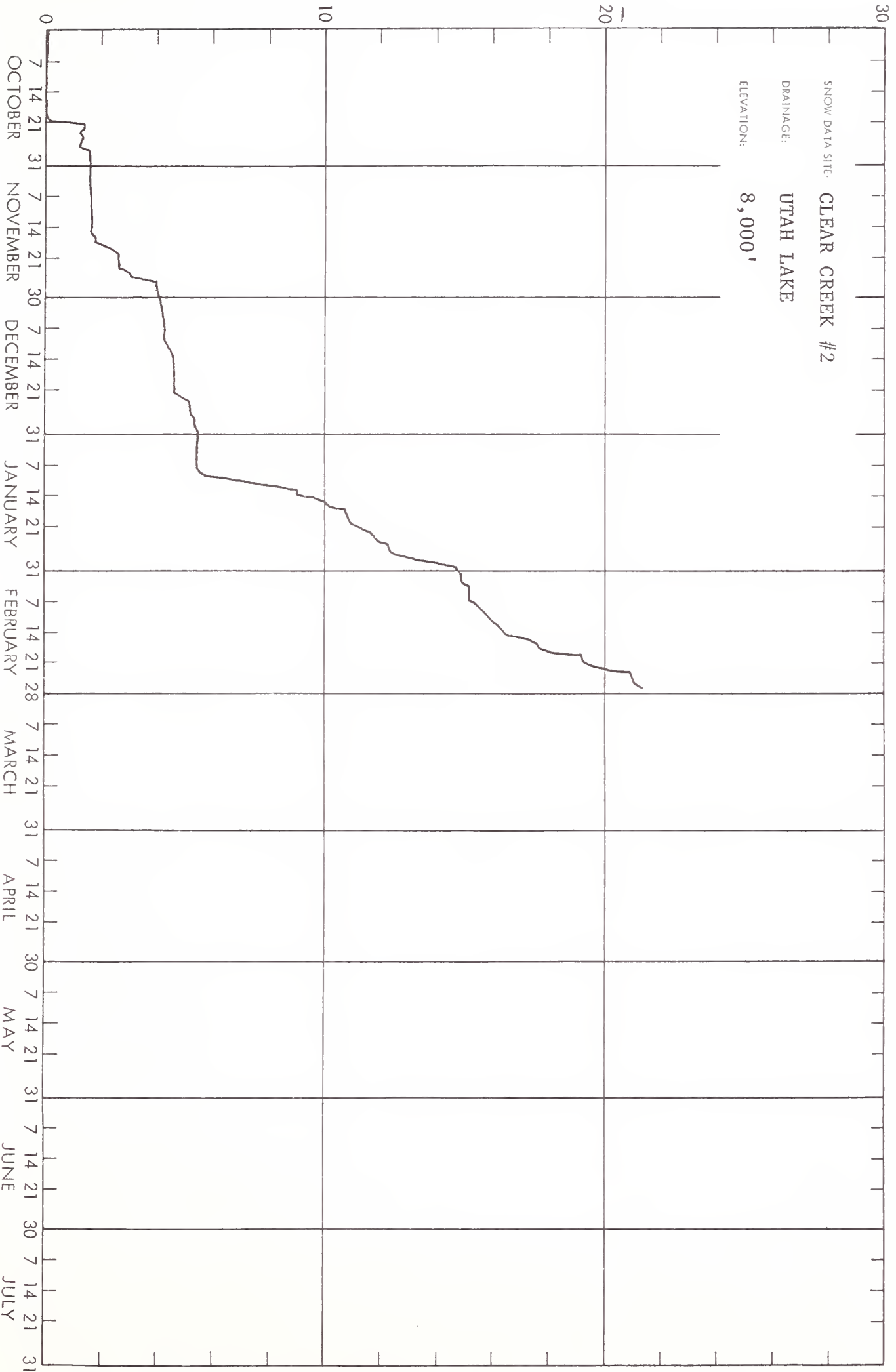
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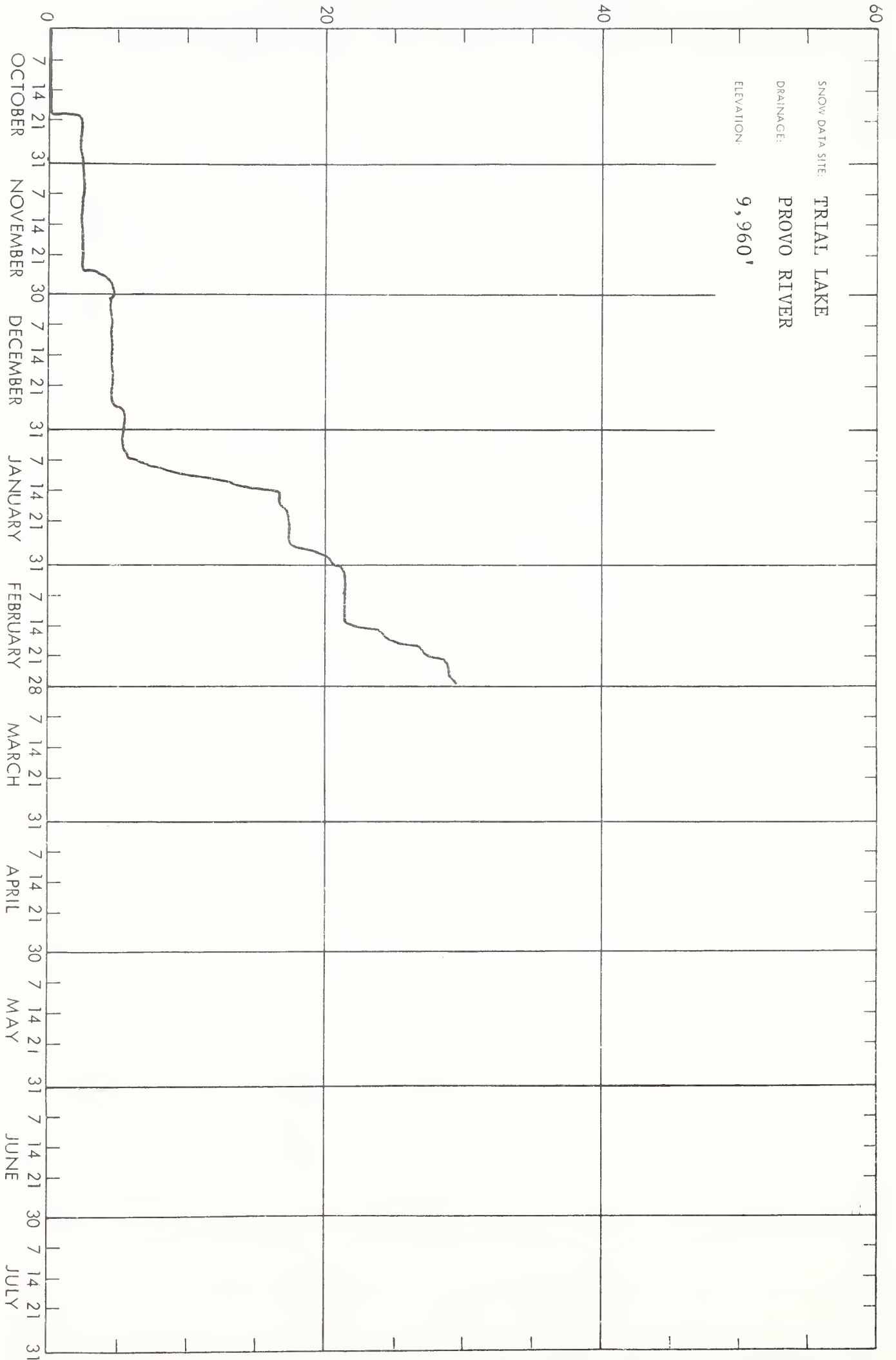


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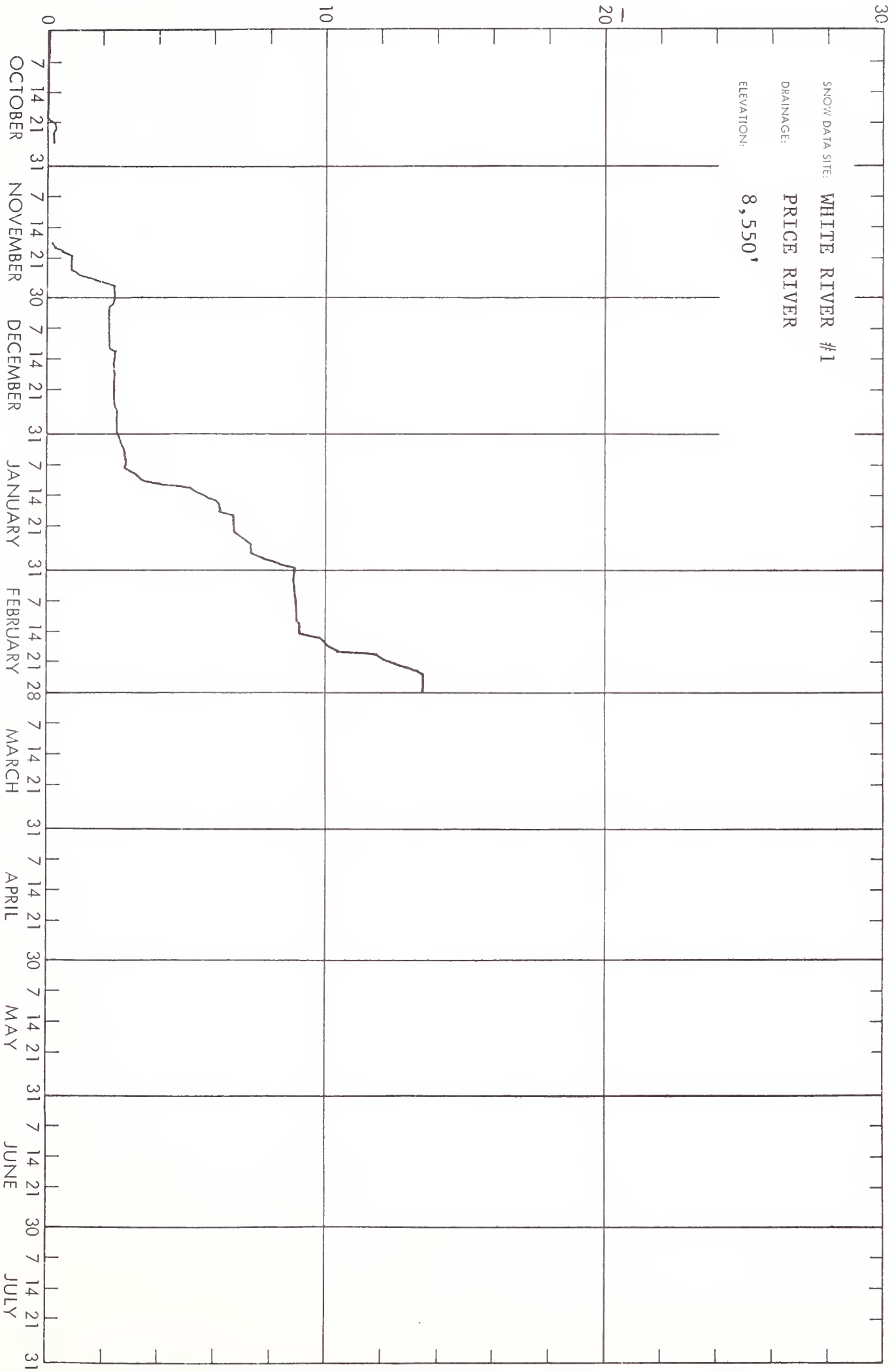




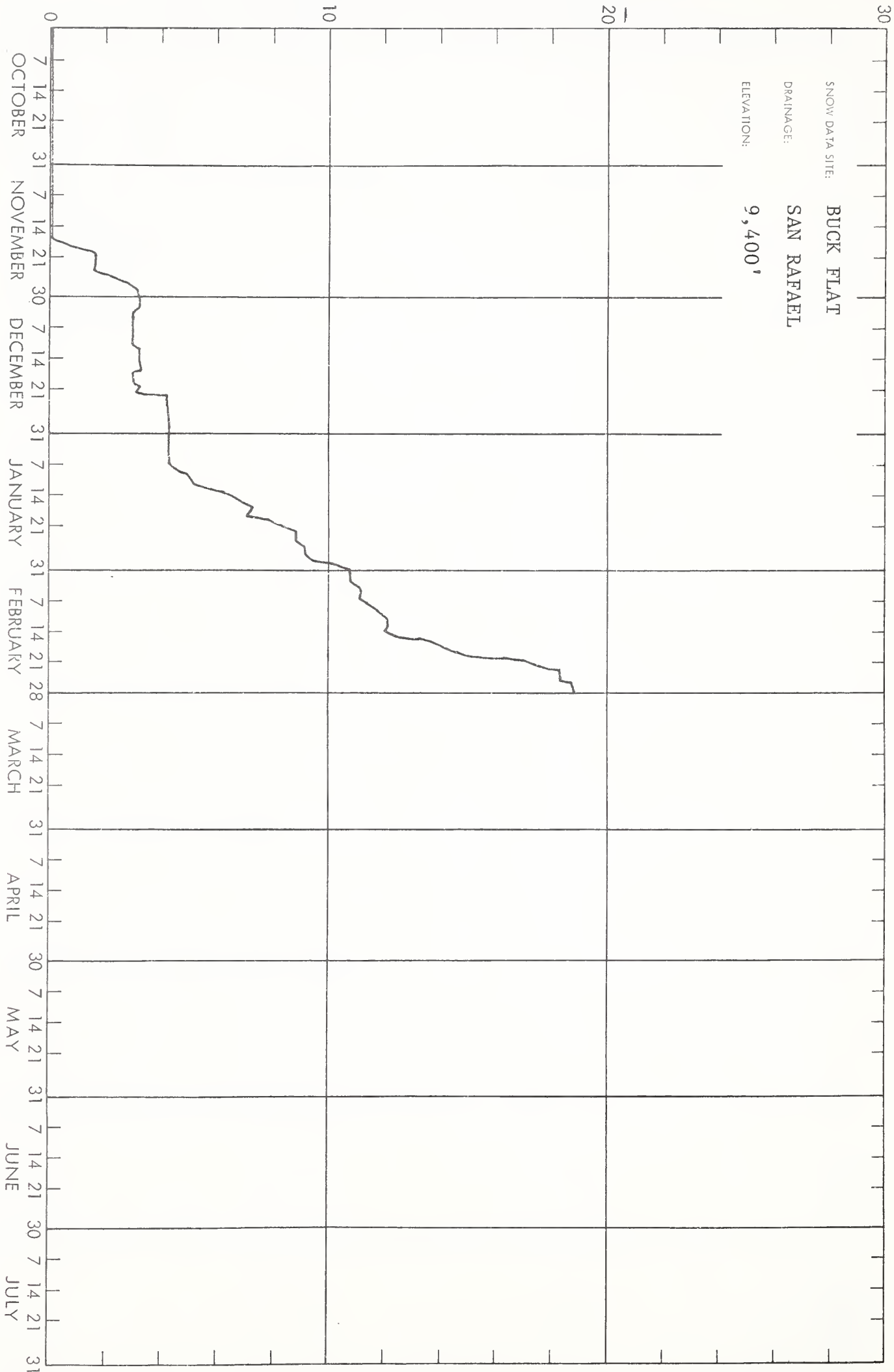
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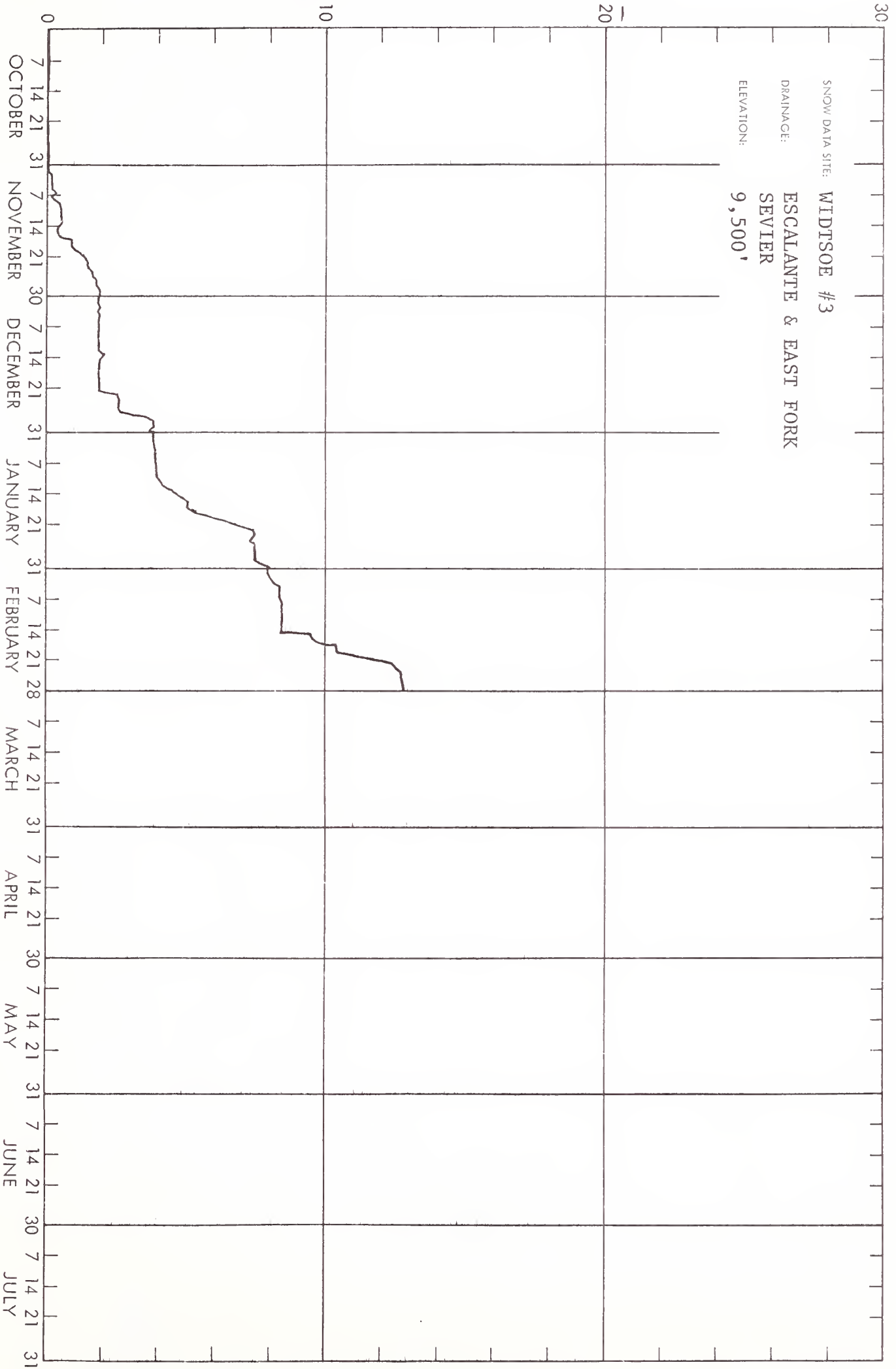
INCHES OF WATER IN SNOWPACK



INCHES OF WATER IN SNOWPACK



# INCHES OF WATER IN SNOWPACK









INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.				
UPPER BEAR RIVER (above Horez, Idaho)																				(continued)				
10G11	W	Big Pack	7	27N	117W	8,700	11J25P	U	Sagehen R.S.	9	3S	8E	7,800	9J1PST	U	King's Cabin (upper)	22	1S	21E	8,720				
10J6P	W	Burke-Miller Ranch	19	3N	10E	7,900	11J19	U	South Fork R.S.	24	4S	2E	6,100	10J37p	U	Muddy Park	6	1N	17E	10,480				
10G7	W	CCC Camp x	9	29N	118W	7,900	11J18	U	Timpangas Cave Camp	27	4S	2E	5,500	10J2	U	Middle Beaver Creek	31	3N	16E	8,650				
10J36p	U	Gold Hill	15	11N	9E	10,000	11J21PST	U	Timpangas Divide	33	4S	3E	8,140	9J10aP	U	Reynolds Park	9	-1S	18E	10,400				
10J7PST	U	Hayden Fork	25	11N	9E	9,400	10J8PST	U	Trial Lake	5	2S	9E	9,960	9J7P	U	Spirit Lake	10	1N	17E	10,300				
10G12	W	Kelly Ranger Station	13	26N	118W	8,200								10J20PST	U	Steel Creek Park	17	2N	13E	10,100				
10J35p	U	Lily Lake	34	21N	10E	9,050								9J16PST	U	Trout Creek	9	1S	20E	9,400				
11H12PST	U	Monte Cristo R. S.	4	8N	8W	8,960								9J12ap	U	Windy Park	2	1S	20E	9,400				
10G6	W	Poison Meadows x	29	30N	116W	8,900																		
10G8P	W	Salt River Summit x	32	29N	118W	7,900																		
10G13MP	W	Snyder Basin x	15	29N	115W	8,550																		
10J17P	U	Stillwater Camp	32	21N	10E	8,550																		
LOWER BEAR RIVER (below Horez, Idaho)																				DUCHESSNE RIVER				
11H27pST	U	Bug Lake	18	11N	5E	7,950	12J2	U	Bevan's Cabin	24	4S	4W	6,450	10J41ap	U	Awood Lake	13	4N	4W	10,840				
11G11	U	Christensen Ranch	27	13S	41E	5,600	12J5P	U	Deseret Peak	15	4S	7W	9,250	10J30PST	U	Brown Duck Ridge	8	2N	6W	10,600				
11H38p	U	Cinnamon Creek	5	8N	4W	7,900	11J41P	U	Lamb's Canyon #2	21	1S	3E	7,500	10J37P	U	Chepeta-Whiterocks Lakes	24	4N	11W	10,350				
11H39	U	Clarkston Mountain	25	15N	4E	7,400	12J3P	U	Middle Canyon	8	4S	3W	7,000	10J37P	U	Cummins Creek	26	4N	11W	8,000				
11G12	U	Cub River Ranger Station	30	13S	49E	7,400	11J44	U	Mill Creek	25	1S	2E	6,950	11J32MPST	U	Daniel's Strawberry Summit	20	2S	12W	8,000				
11G14a	U	Dry Basin Flat	31	13S	49E	7,400	11J10	U	Mill D South Fork	18	2S	3E	7,400	11J7P	U	East Portal	36	7S	6E	7,560				
12G4	U	Dry Creek Flat	30	13S	37E	6,350	12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900	10J26ap	U	Five Point Lake	28	4N	5W	11,000				
11G7	U	Engaret Summit	21	12S	42E	7,350	12J1P	U	Silver Lake (Brighton)	35	2S	3E	7,700	10K1PST	U	Indian Canyon	2	11S	10E	9,100				
11H6MPST	U	Emigrant Canyon (mouth)	24	12S	42E	7,350	11J42	U	Snow Bird (Gad Valley)	18	3S	3E	7,700	10J19P	U	Jackson Park	25	3N	4W	10,600				
11H7MP	U	Franklin Basin	1	16S	41E	8,000	12K1PST	U	Vernon Creek	21	10S	5W	7,500	10J34p	U	Kidney Lake	28	5N	3W	11,100				
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600								10J25ap	U	Lakefork Basin	13	4N	7W	11,100				
11H40p	U	Herd Hollow	3	13N	3E	7,200	12L4PST	U	Box Creek	33	26S	2W	9,300	10J10PST	U	Lakefork Mountain #3	2 & 3	2N	5W	10,200				
11G15a	U	Horseshoe Basin	31	13S	42E	7,200	12M13PST	U	Brace Canyon	36	36S	4W	8,000	10J29ap	U	Lightning Lake	23	4N	8W	8,400				
11H1MP	U	Liberty Narrows	7	14N	3E	7,400	12M7P	U	Duck Valley	13	37S	8W	9,500	10J5PST	U	Moby Mountain	33	3N	1E	9,500				
11H26	U	Liberty Springs	10	14N	3E	7,400	12M19	U	Farview	11	38S	4W	8,200	10J18P	U	Paradise Park	21	2N	7W	9,900				
11H26PST	U	Little Bear (upper)	16	8N	1E	6,000	12L5	U	High-Top Mountain	32	25S	1E	11,400	10J32p	U	Rock Creek	29	3N	8W	10,150				
12G3	U	Oxford Mountain	22	13N	3E	6,550								11J8PST	U	Shadow Lake	29	3N	8W	10,150				
11G5	U	Slug Creek Divide	35	10S	4E	8,800								11J85P	U	Strawberry Divide	2	4S	12W	8,400				
11H27	U	Sheep Creek #1	17	14N	3E	7,225								11J35P	U	West Fork of the Duchesne	22	1N	11W	9,480				
11H28	U	Sheep Hollow #2	9	14N	3E	8,500																		
11H28	U	Sheep Hollow #2	9	14N	3E	7,700																		
11G10	U	Strawberry Creek	9	13S	41E	5,800																		
11H30	U	Strawberry Mink Divide	14	13S	41E	6,800																		
11H36PST	U	Tony Grove Lake	11	13N	3E	8,400																		
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250																		
11G4P	U	Willow Flat	2	15S	41E	6,100																		
RAFT RIVER																				PRICE RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050	11K13P	U	Beaver Dam	22	19S	3E	8,000	10K5M	U	Canal	32	13S	14E	8,200				
13H4PS	U	George Peak	4	13N	14W	7,000	11K11P	U	Farnsworth Lake	34	23S	2E	9,600	11K42P	U	Dry Valley Divide Alternate	14	11S	7E	8,100				
13H3a	U	One Mile Summit	17	14N	14W	7,330	11K10P	U	G. B. R. C. Headquarters	21	17S	4E	8,700	10K3M	U	Grassy Trail Creek-Left Fork	1	14S	13E	7,970				
	U	VPont	17	14N	17W	7,670	11K10P	U	G. B. R. C. Headquarters	27	17S	4E	8,700	10K6	U	Mud Creek	4	14S	7E	8,600				
OGDEN RIVER																				SAN RAFAEL RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150	11K3PST	U	Mammoth R.S.-Cottonwood Creek	13	13S	2E	8,800	11K31PST	U	Buck Flat	23	19S	4E	9,400				
11H8PST	U	Ben Leonard Peak	3	7N	1W	8,000	11K3P	U	Middle Fork	16	18S	4E	9,500	11K35P	U	Gooseberry Reservoir	25	13S	5E	8,700				
11H30PST	U	Ben Leonard Trail	34	7N	1W	6,000	11K2P	U	Mt. Baldy R.S.	19	17S	3W	7,760	11K40P	U	Huntington-Horseshoe	12	14S	5E	9,800				
11H35p	U	Causesy Dam	3	7N	3E	5,500	12K2P	U	Pickle Keg Springs	4	21S	3E	9,000	11K28PST	U	Orange Olsen	31	17S	6E	7,200				
11H13MPST	U	Dry Broad Pond	19	8N	4E	8,350	12L1P	U	Pine Creek	24	22S	4W	8,700	11K9PST	U	Red Pine Ridge	5	16S	6E	9,200				
11H34p	U	Gulldar's Peak	21	6N	4E	8,050	11K36	U	Rees's Flat	20	15S	2E	7,300	11K27P	U	Seelye Creek	25	17S	4E	10,000				
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420	12L11P	U	Shingle Mill	5	22S	3W	6,200	11K29	U	Stuart R.S.	8	15S	7E	7,950				
11H49	U	Powder Mountain Hicway	6	7N	2E	8,250								11K32	U	Upper Joe's Valley	21	16S	6E	8,900				
11H48	U	Powder Mountain Sundown	21	7N	1E	8,400										Wrigley Creek	27	19S	5E	9,000				
11H15P	U	Sagebrush Flat	1	7N	3E	6,300																		
WEBER RIVER																				MUDDY RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500	12M16	U	Birch Crossing	23	35S	9W	8,100	11K14	U	Black's Camp	34	20S	4E	9,200				
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100	12M14	U	Brian Head	10	36S	9W	10,000	11K15PST	U	Dill's Fork	27	20S	4E	9,200				
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200	12M15P	U	Tall Poles	26 & 35	35S	9W	8,800											
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500	12M11P	U	Yankee Reservoir	20	35S	8W	8,700											
11J45a	U	East Shingle Lake	6	2S	8E	9,750																		
11J12P	U	Farmington Canyon (lower)	15	3N	1E	6,950																		
11J11PST	U	Farmington Canyon (upper)	23	5N	1E	8,000																		
11H44p	U	Francis Canyon	23	5N	1E	8,000																		
11J37p	U	Hardacreble	22	2N	2E	6,700																		
11H21PST	U	Horse Ridge	25	7N	4E	8,260																		
11H31	U	Killfoot Creek	20	6N	5E	7,300																		
11H32P	U	Lost Creek	27	6N	5E	7,300																		
11J43	U	Park City Summit	30	2S	4E	9,300																		
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500																		
11H50	U	Pine Canyon	6	5N	4E																			

# Agencies Cooperating in Utah Snow Surveys

## U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture  
Soil Conservation Service  
Forest Service  
U.S. Department of Commerce  
NOAA, National Weather Service  
U.S. Department of Interior  
Bureau of Reclamation  
Geological Survey  
National Park Service

## STATE AGENCIES

Utah State University  
Utah Fish and Game Department  
Utah State Department of Natural  
Resources, Division of Water Rights  
Bear River Commissioner  
Price River Commissioner  
Provo River Commissioner  
Sevier River Commissioners  
Spanish Fork River Commissioner  
Utah Lake and Jordan River Commissioner

## MUNICIPALITIES

Manti  
Salt Lake City

## ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association  
Board of Canal Presidents - Jordan River  
Emery Canal and Reservoir Company  
Moon Lake Water Users Association  
Ogden River Water Users Association  
Provo River Water Users Association  
Strawberry Water Users Association  
Sevier River Water Users Association

## PRIVATE AGENCIES

Kaiser Steel Corporation



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*"The Conservation of Water begins  
with the Snow Survey"*

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